

Fig. 1

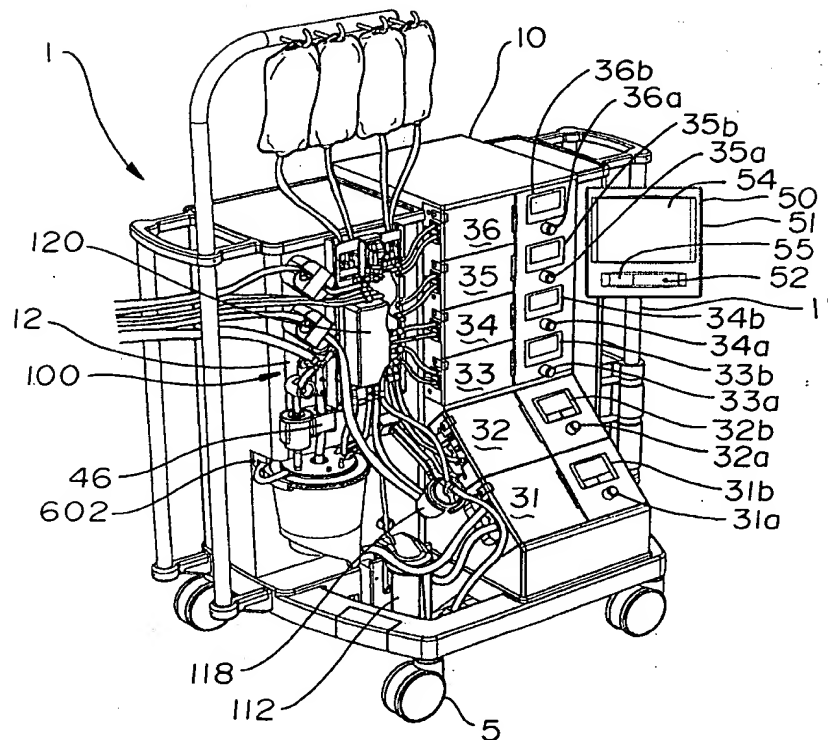


Fig. 2A

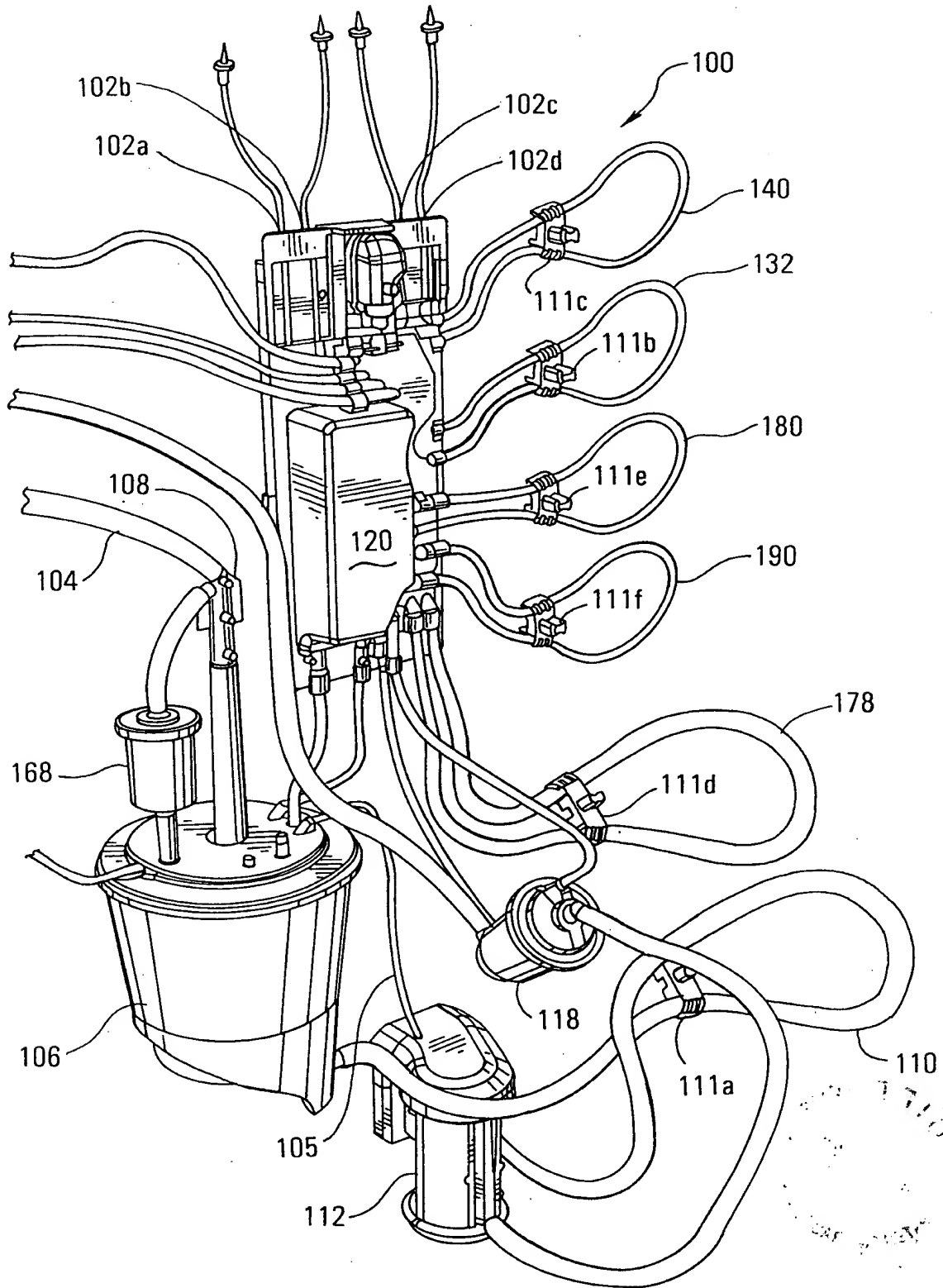


Fig. 2B

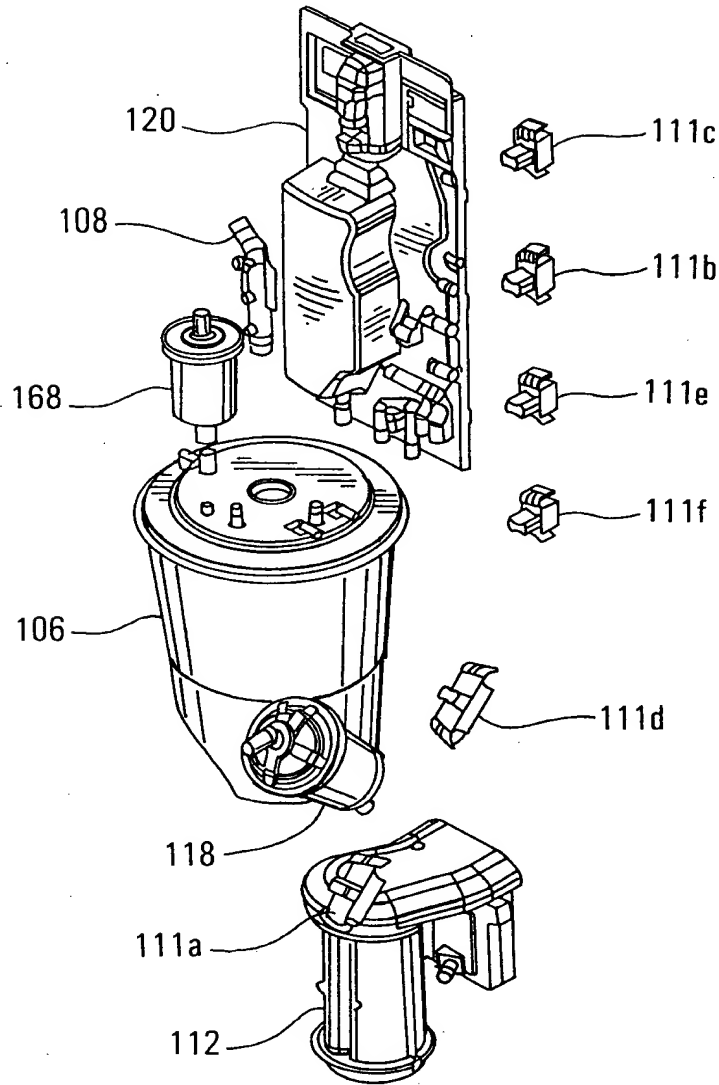


Fig.3A

<i>Fig.3A-1</i>	<i>Fig.3A-2</i>
<i>Fig.3A-3</i>	<i>Fig.3A-4</i>


Fig.3B

<i>Fig.3B-1</i>	<i>Fig.3B-2</i>
<i>Fig.3B-3</i>	<i>Fig.3B-4</i>

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Fig.3A-1

 = STOPCOCK

 =AUTOMATIC
VALVE

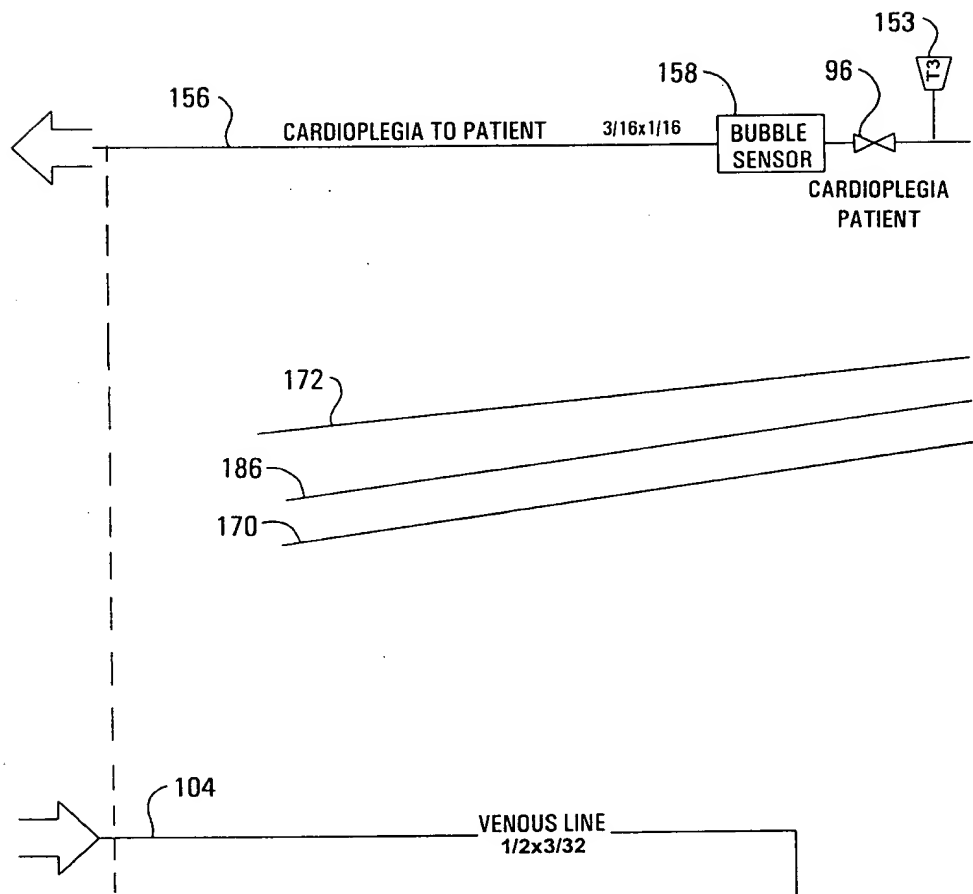
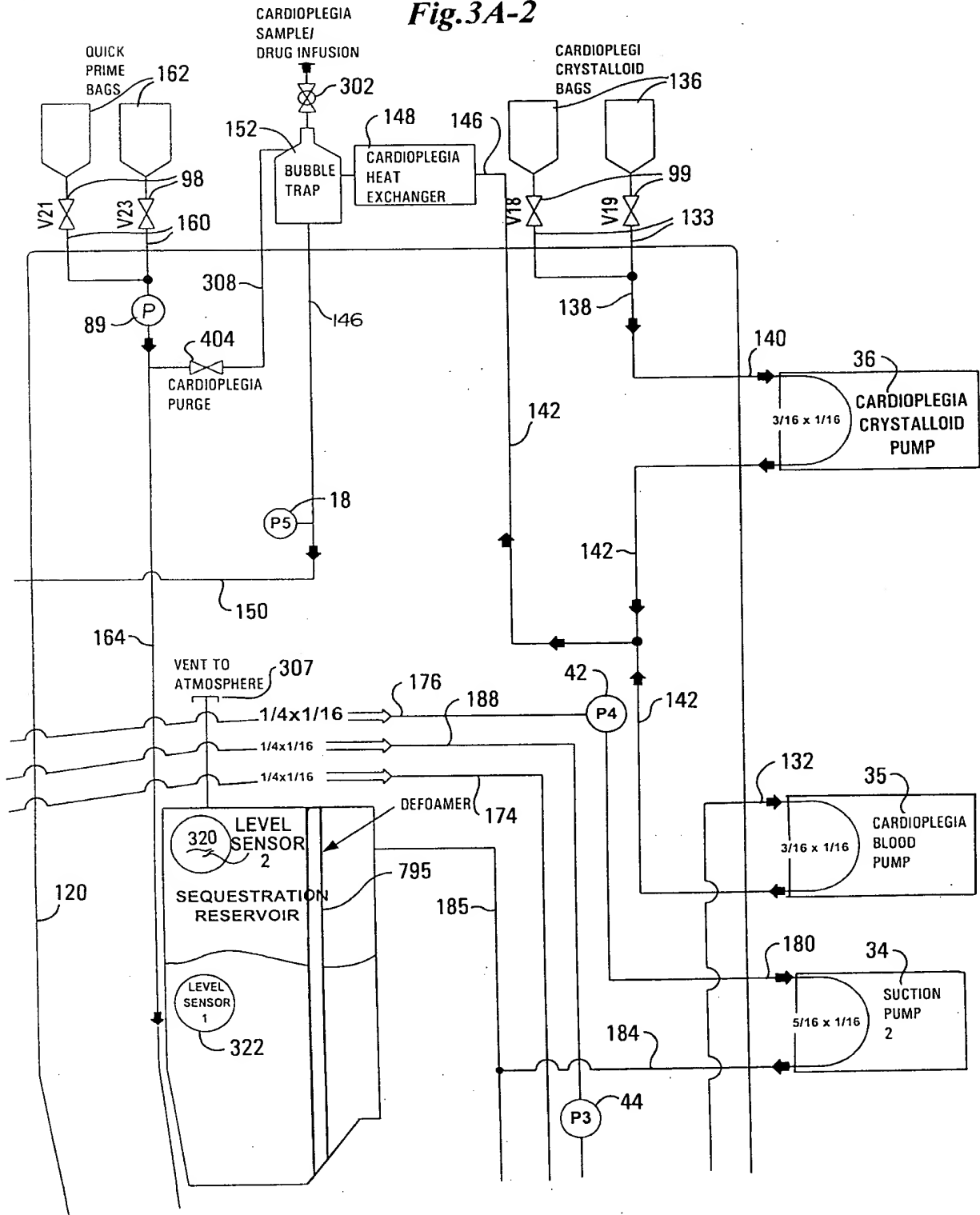
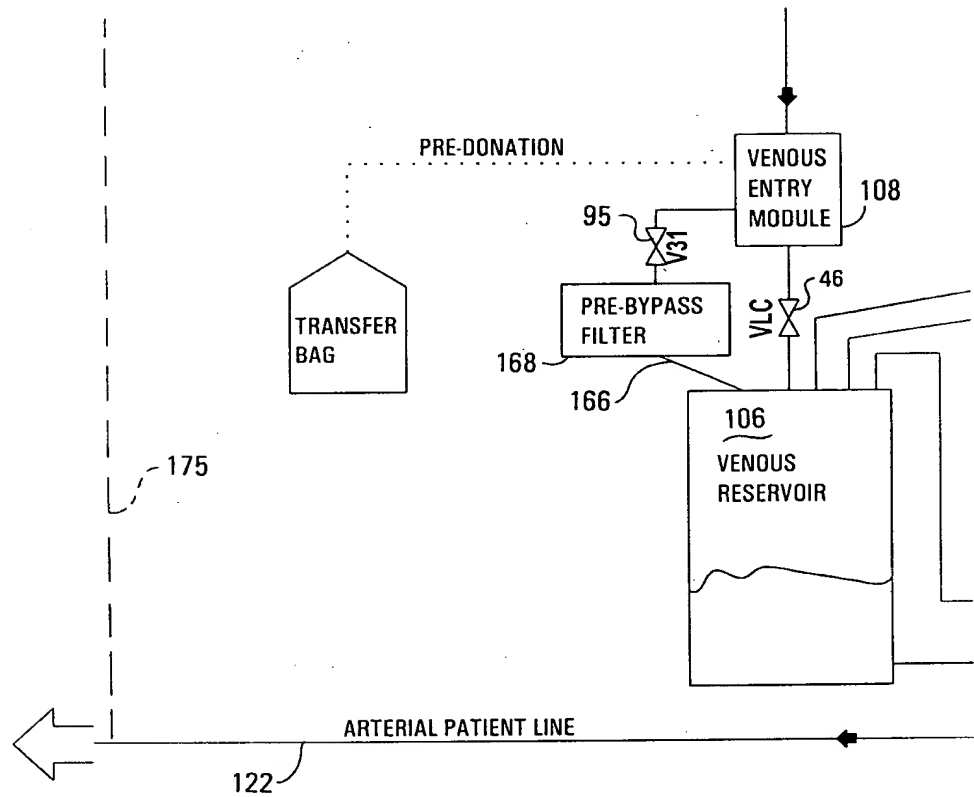


Fig.3A-2



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Fig.3A-3

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Fig.3A-4

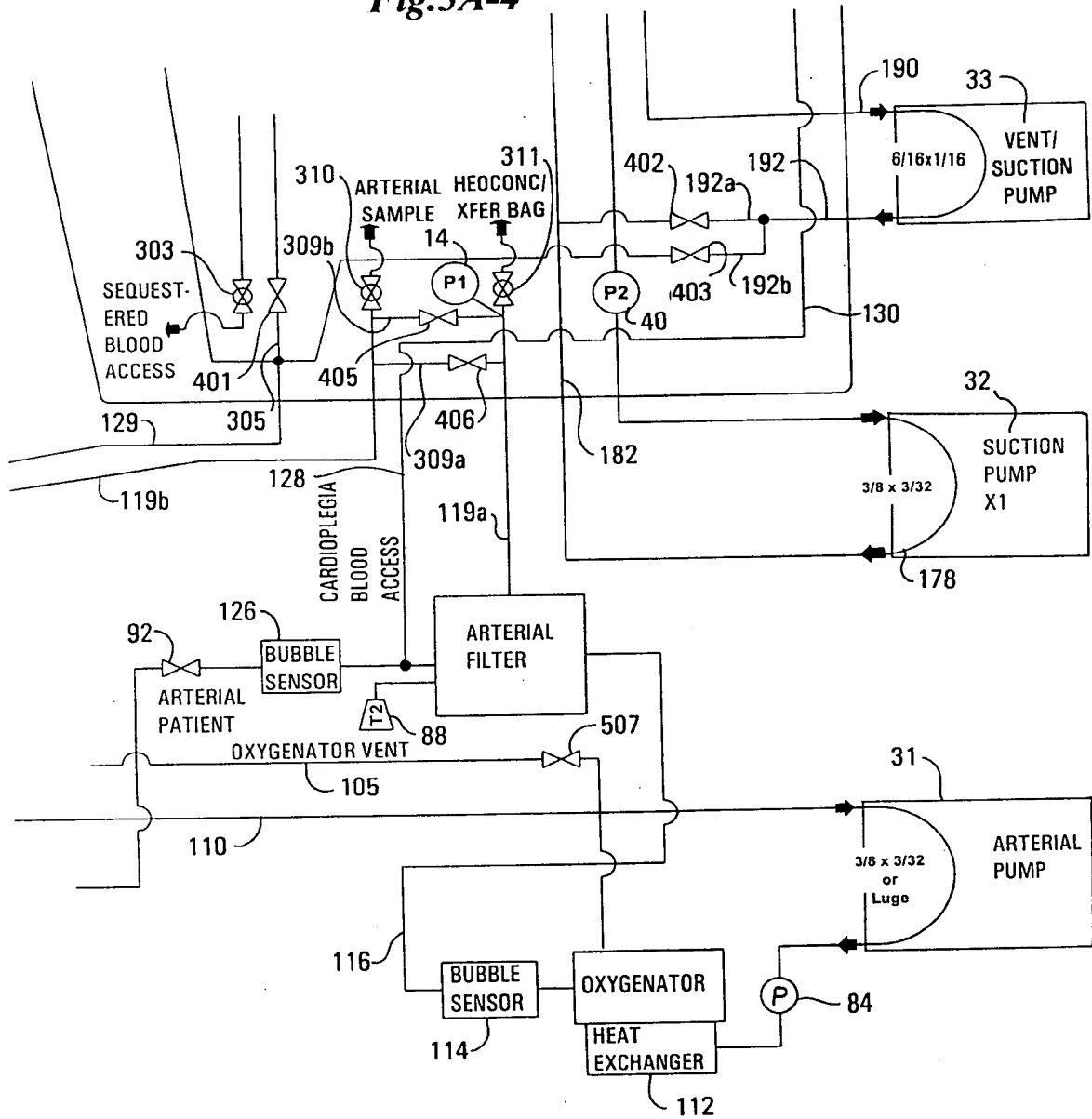
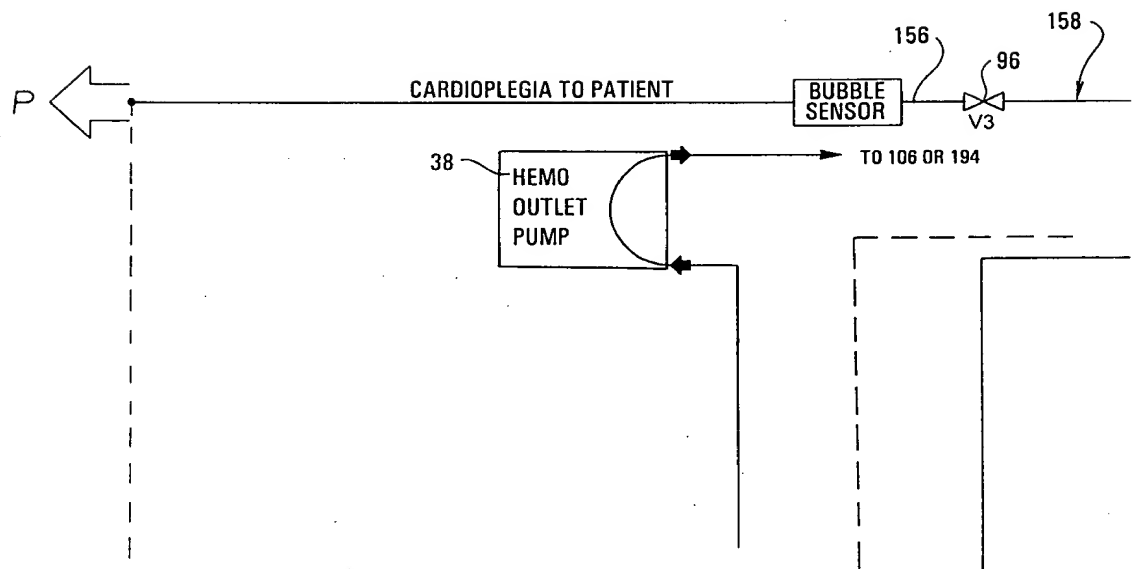


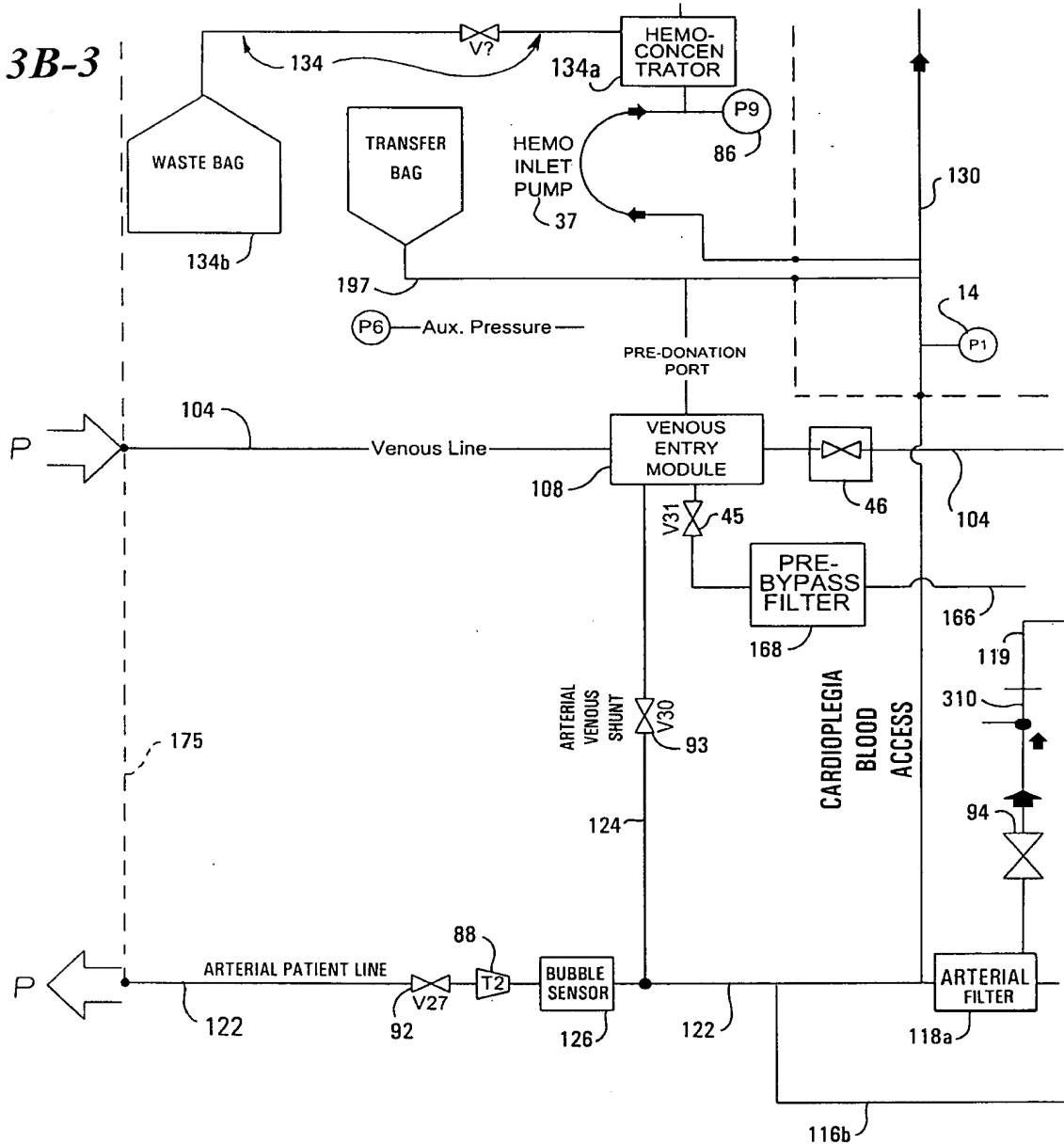
Fig.3B-1

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Fig.3B-2

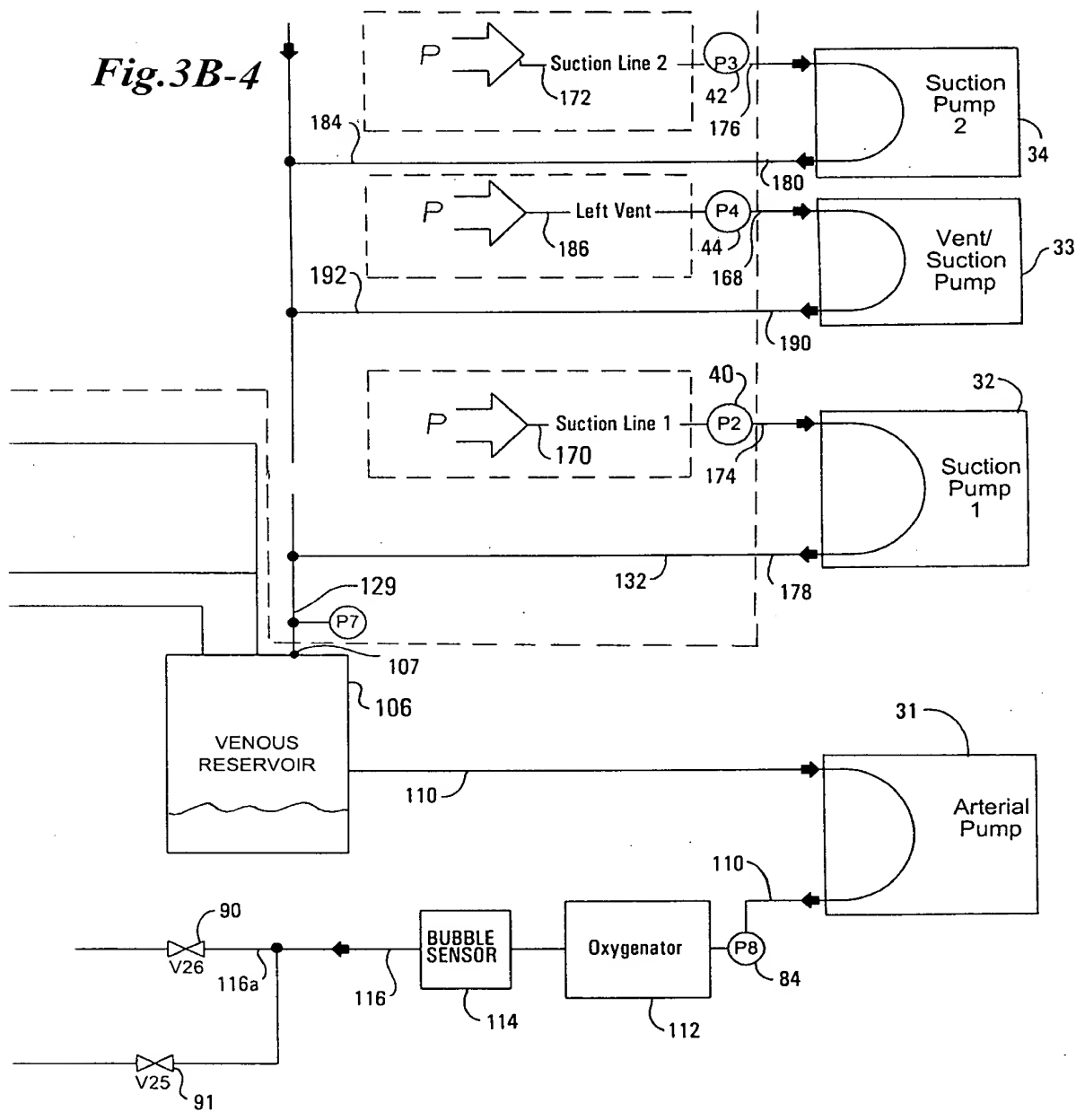


Fig.3B-3



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Fig.3B-4



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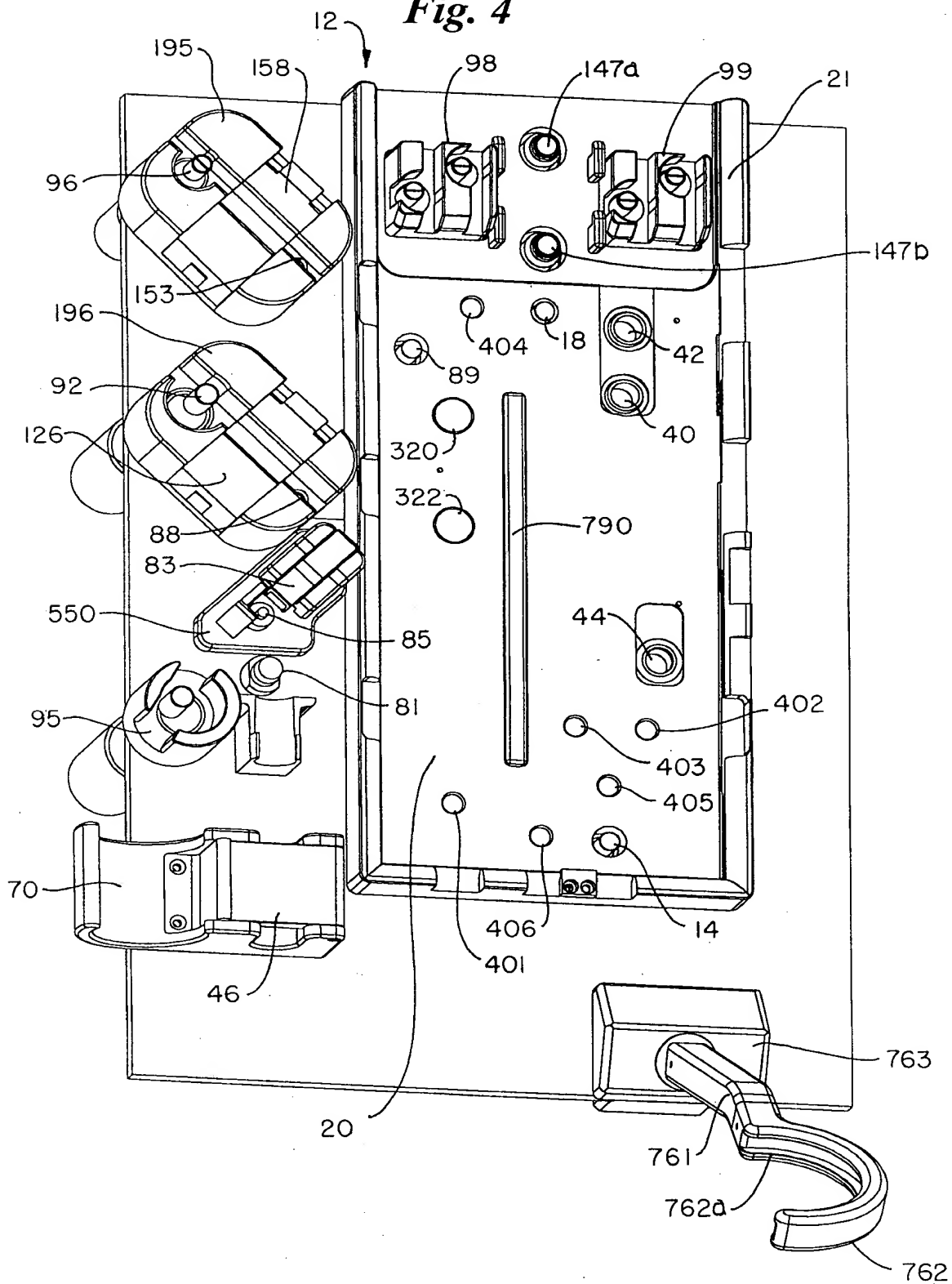
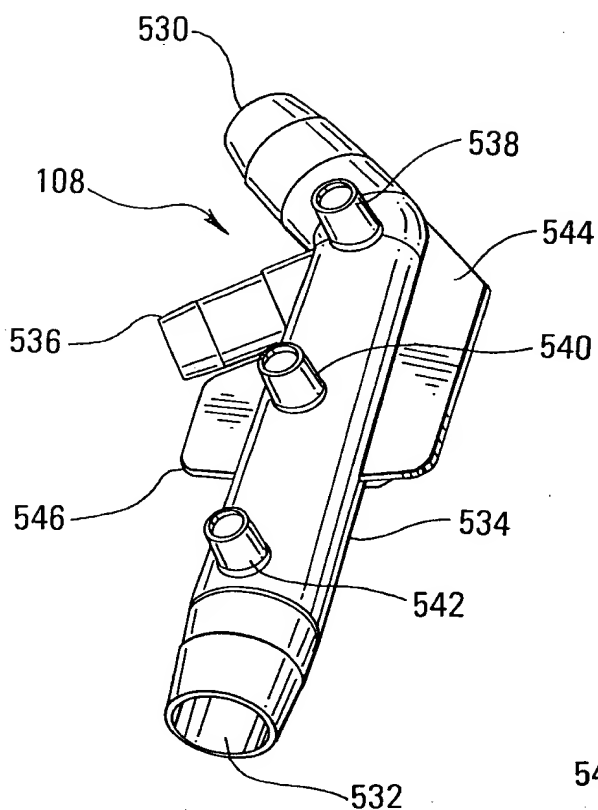
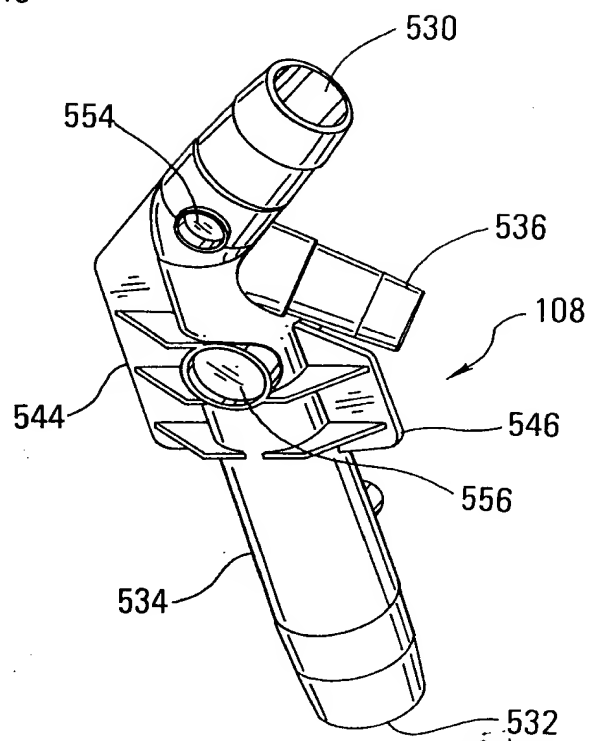
Fig. 4

Fig. 5A*Fig. 5B*

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3012 26410 0491 010101

Fig. 5D

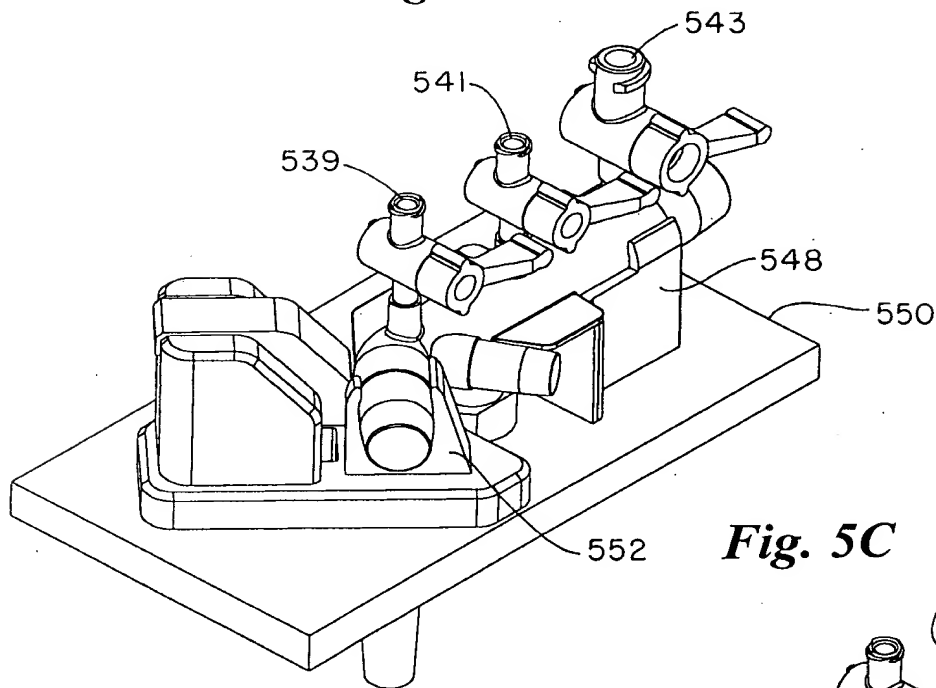


Fig. 5C

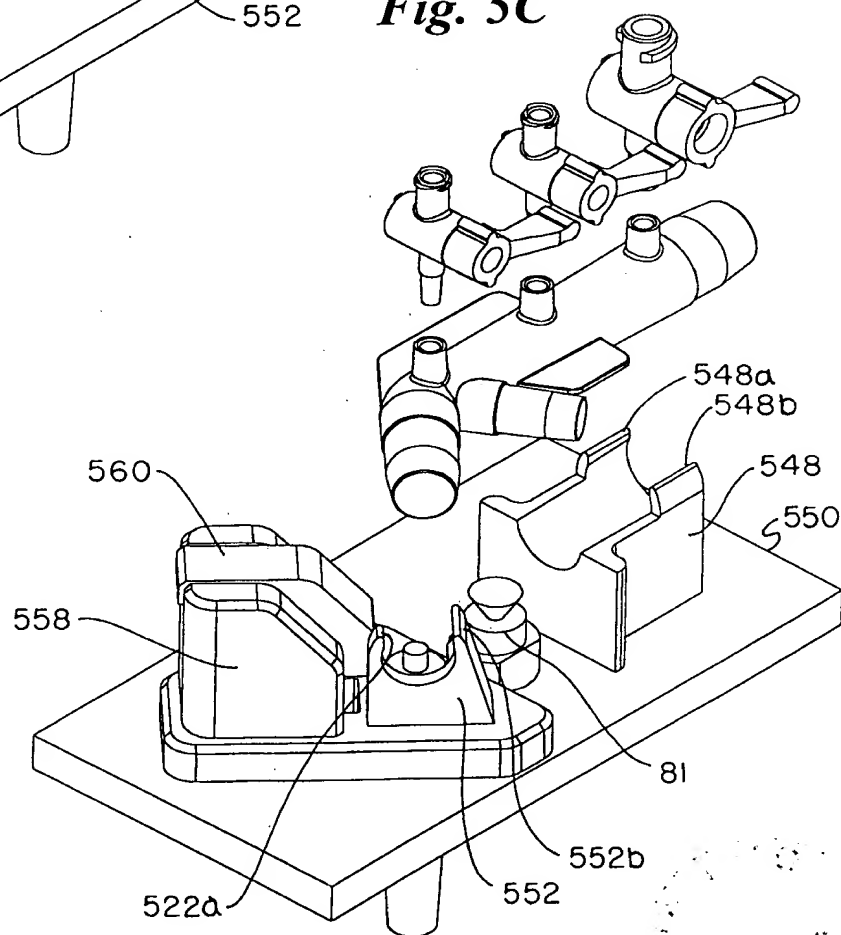


Fig. 5E

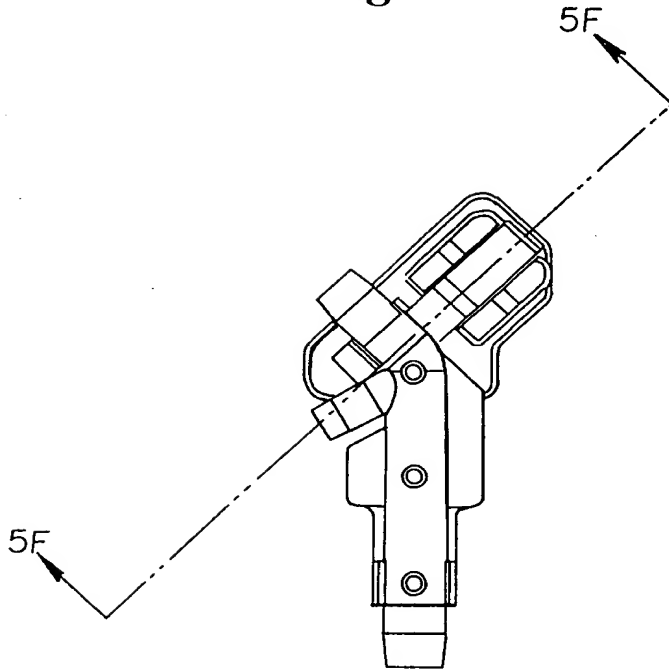
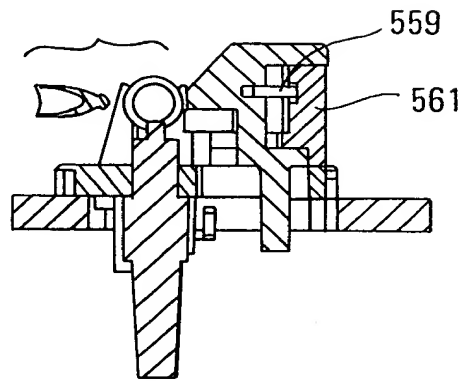
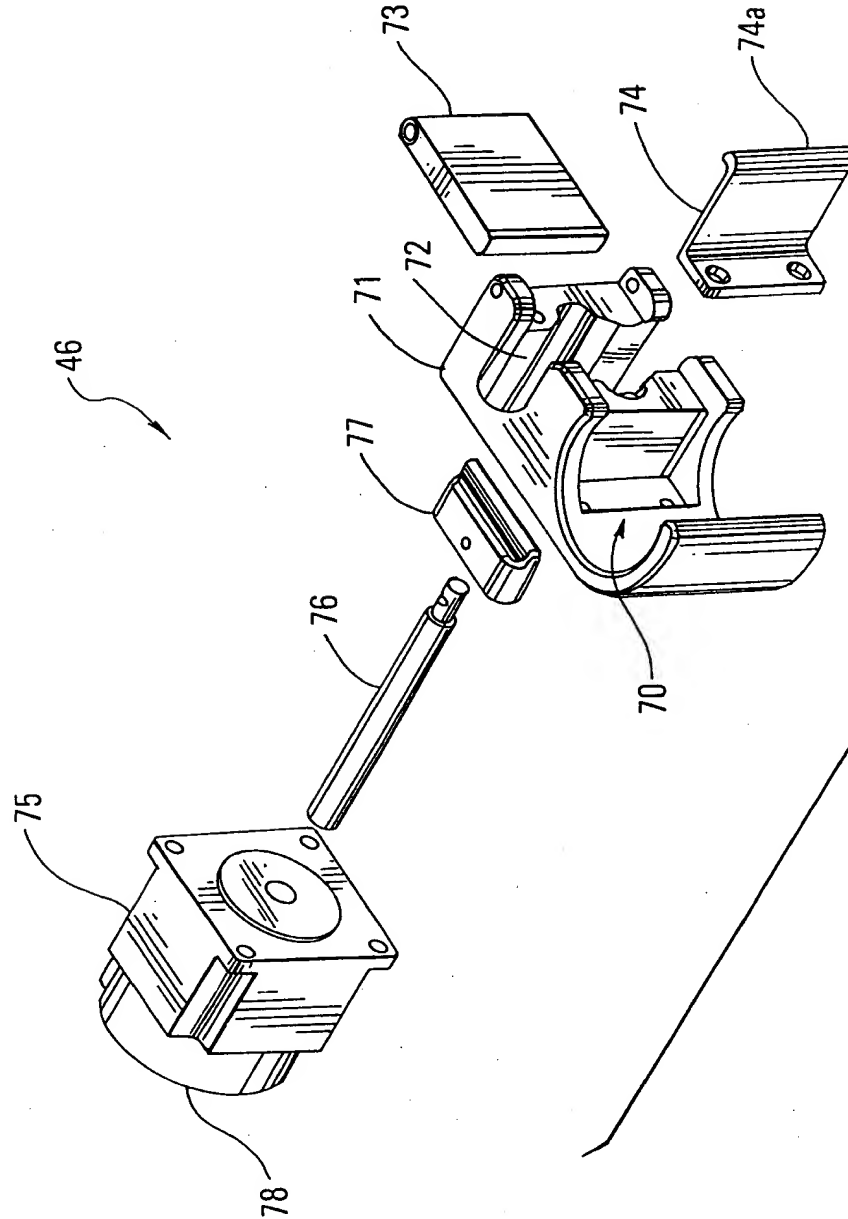


Fig. 5F



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Fig. 6A



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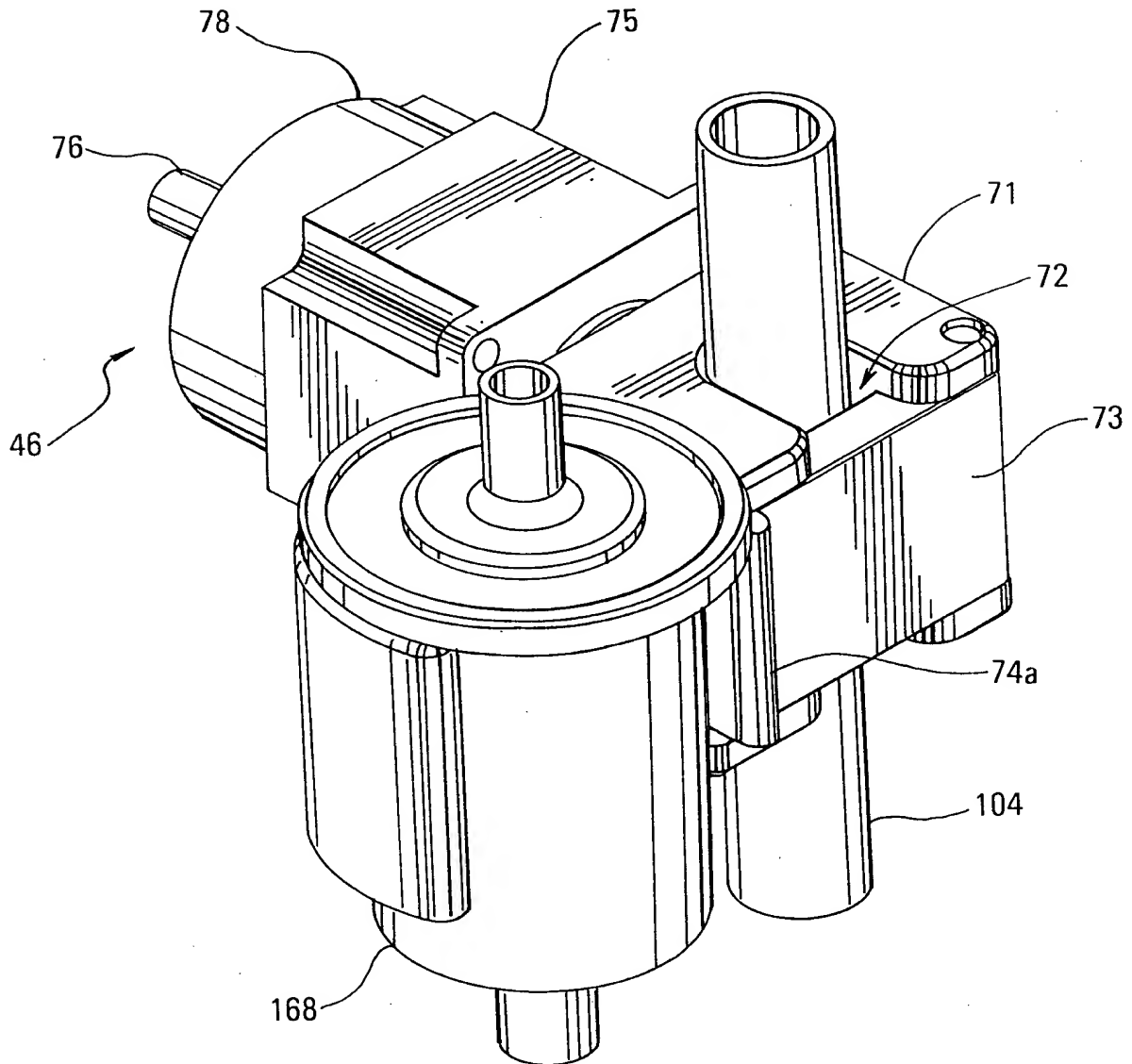
Fig. 6B

Fig. 6C

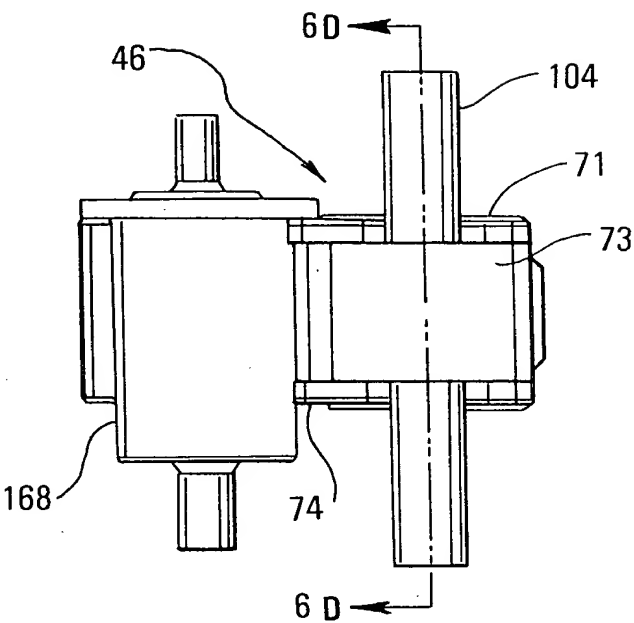


Fig. 6D

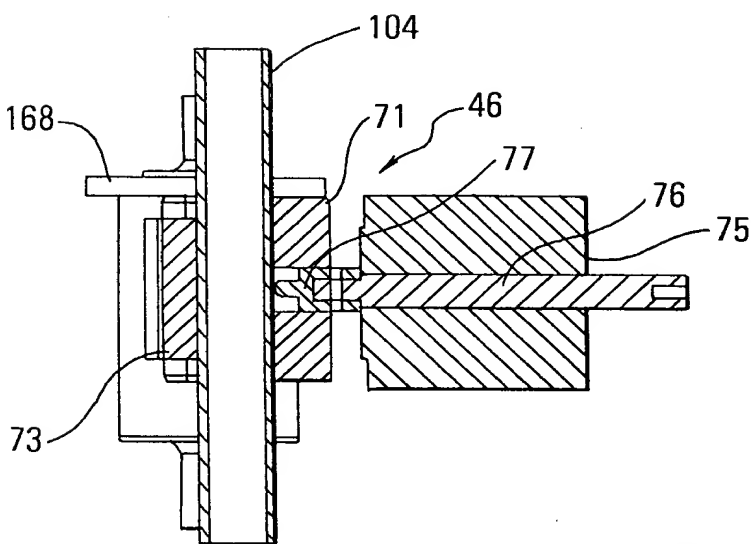
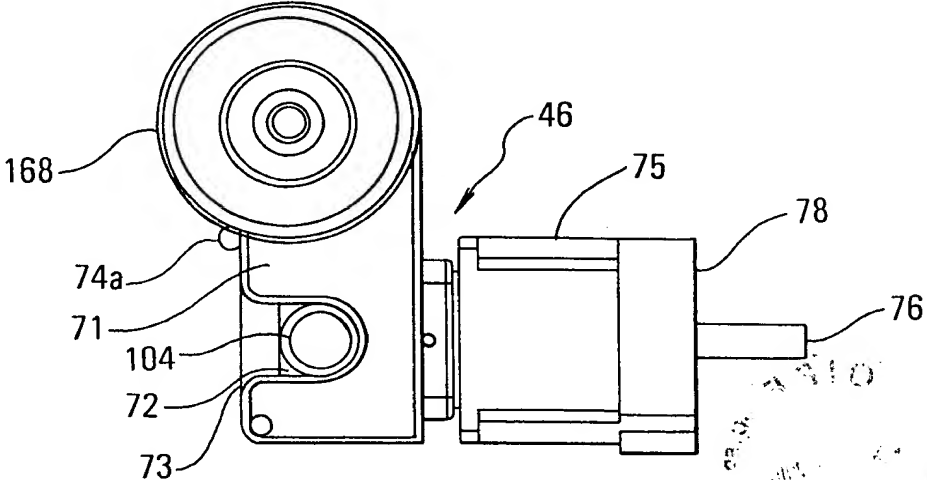


Fig. 6E



Serial No. 09/963,878
Applicant: Bruce Ellingboe et al.
Attorney Docket: CV0290US
Attorney: Terry L. Wiles
Telephone: (612) 334-8992

Fig. 7A

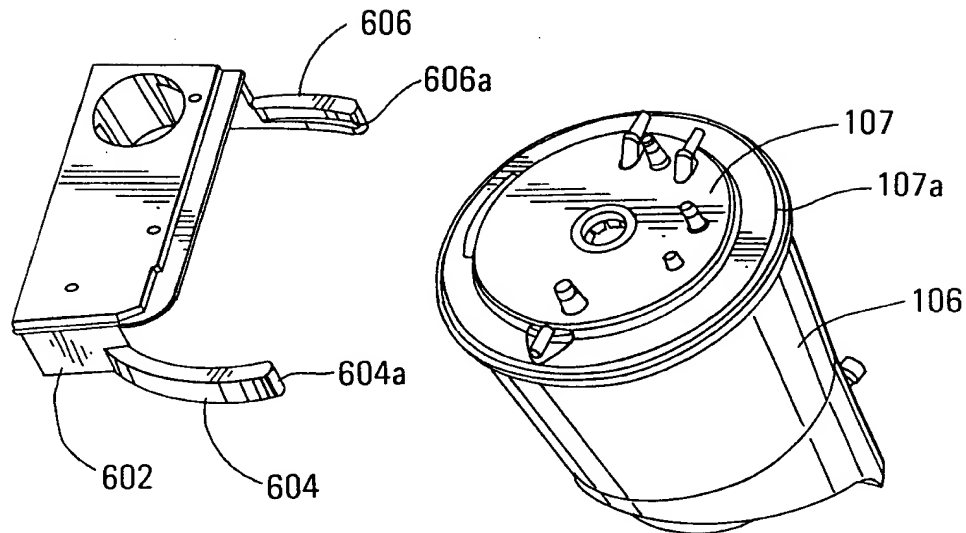
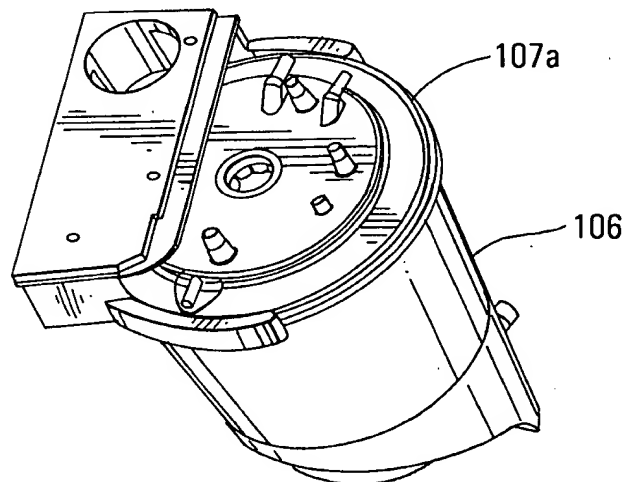


Fig. 7B



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Fig. 8A

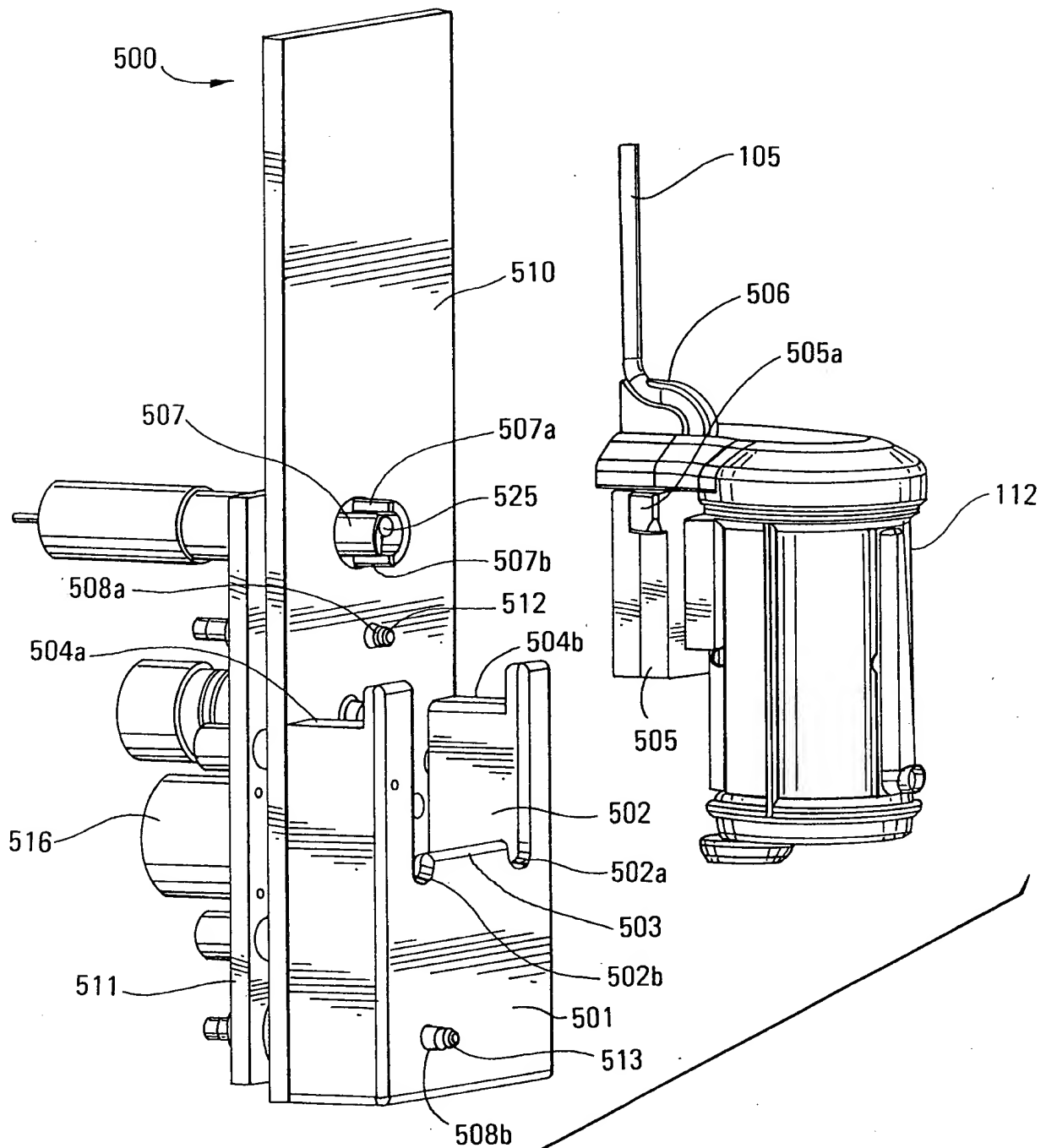
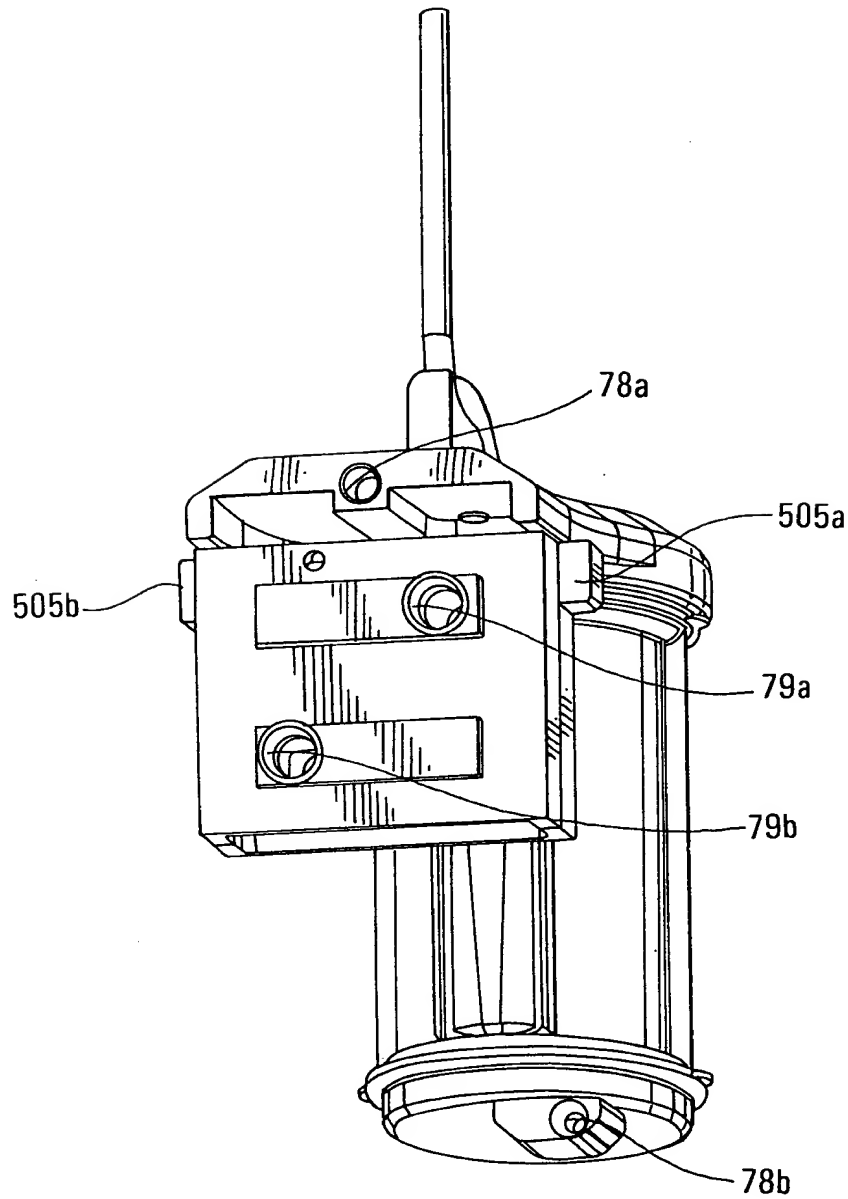


Fig. 8B



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Fig. 8C

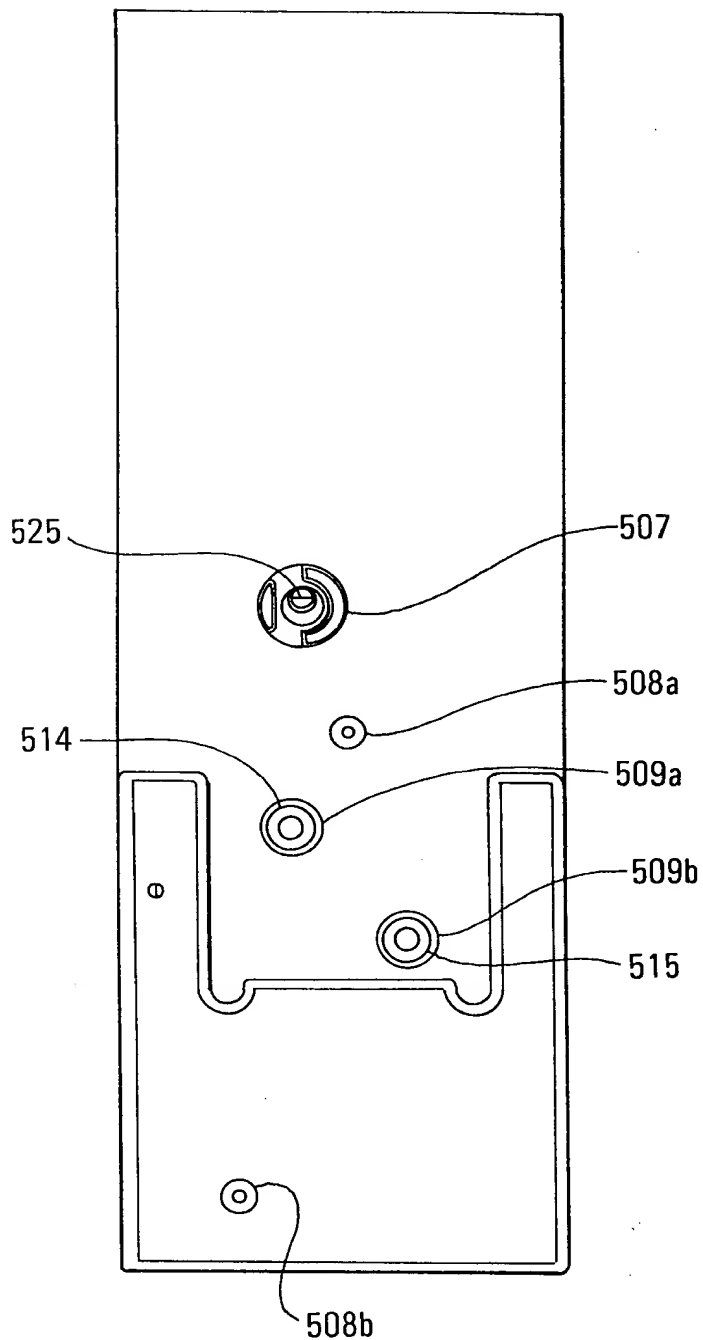


Fig. 8D

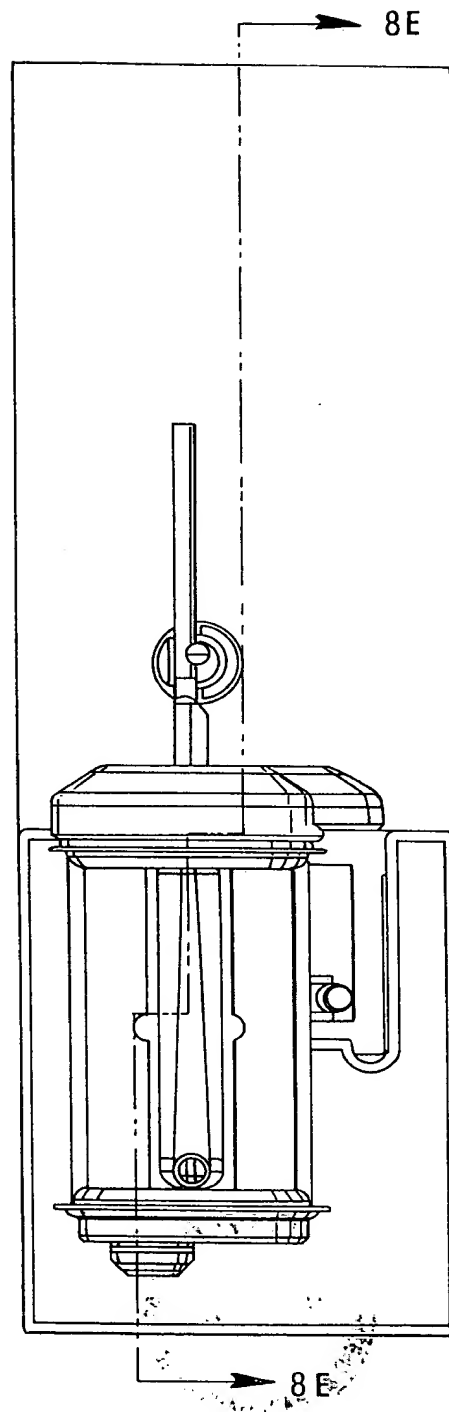


Fig. 8E

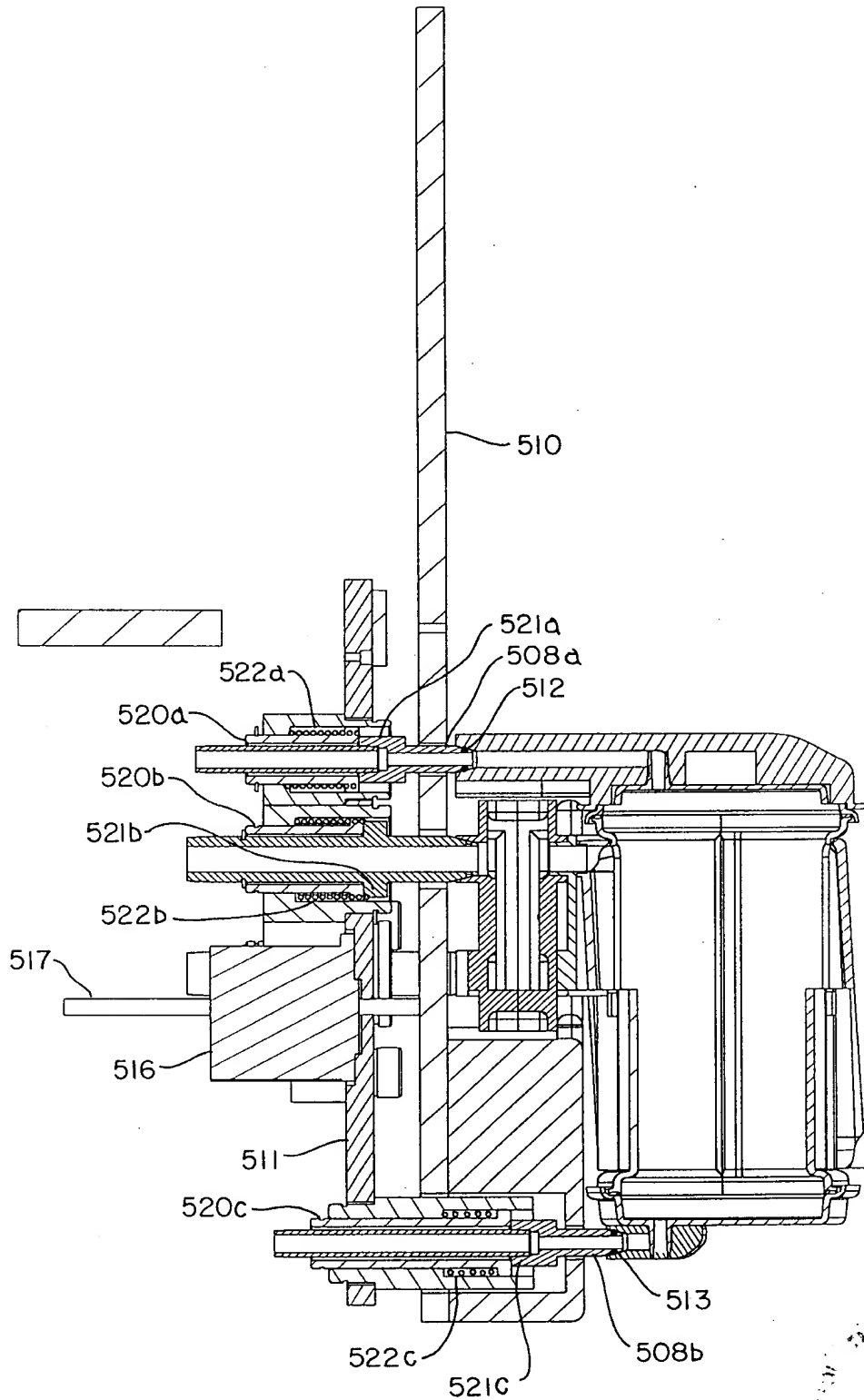


Fig. 9A

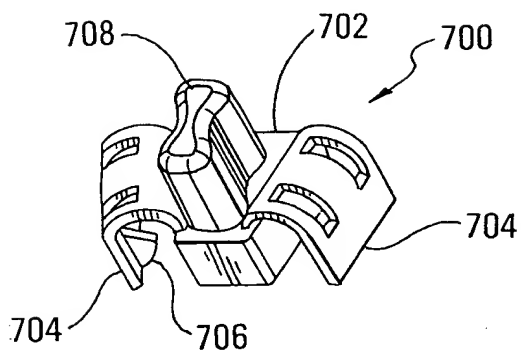


Fig. 9B

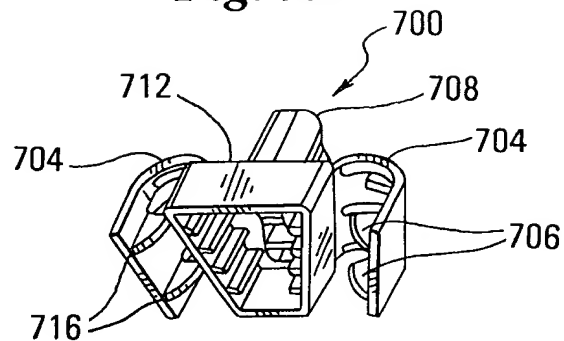


Fig. 9C

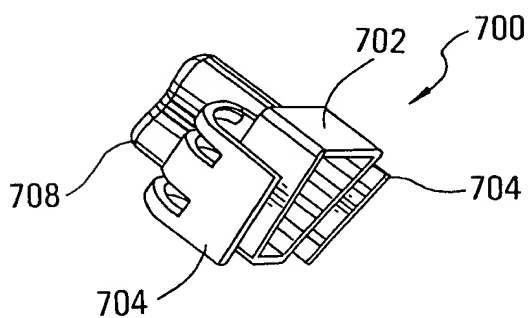


Fig. 9D

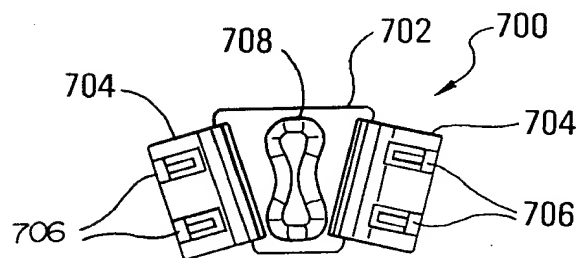


Fig. 9E

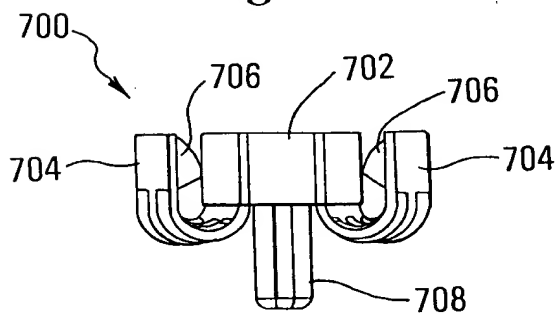


Fig. 9F

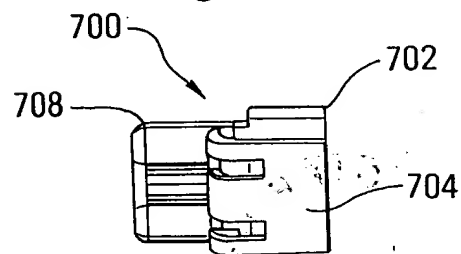


Fig. 10B

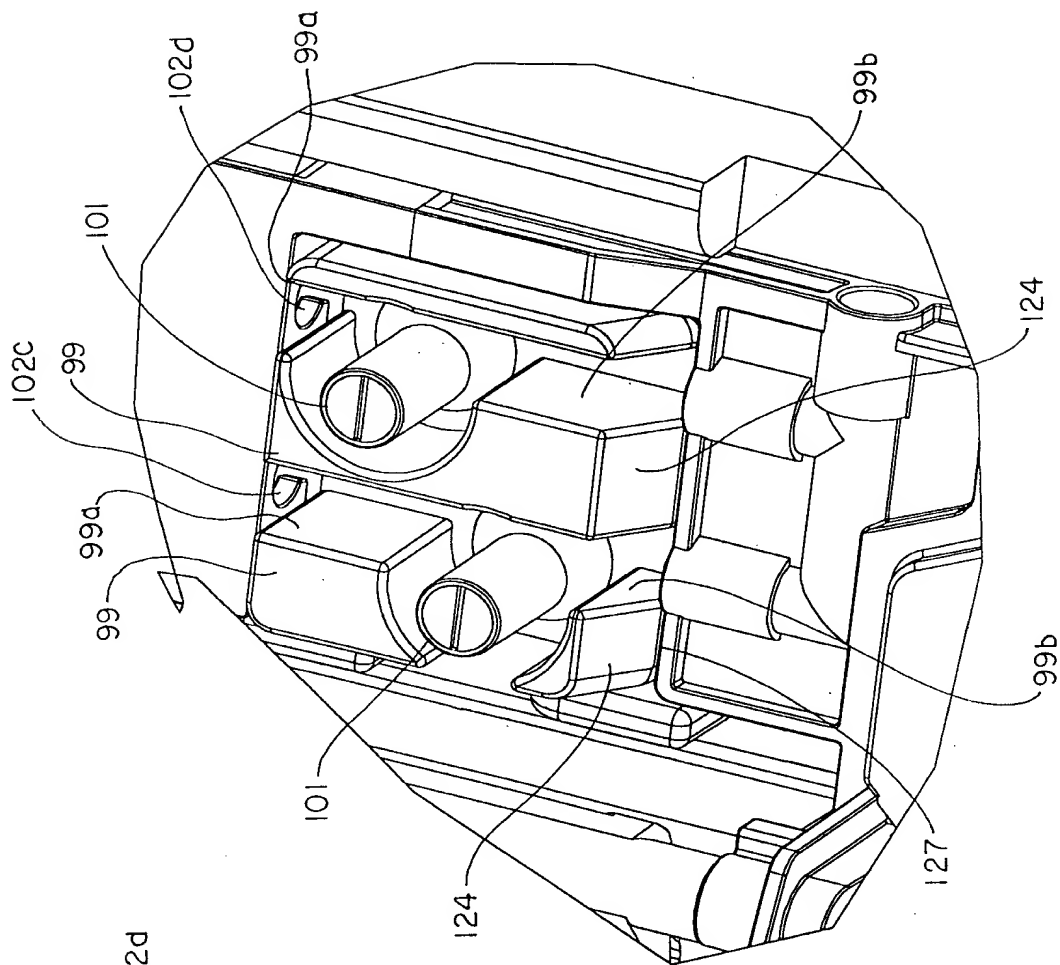


Fig. 10A

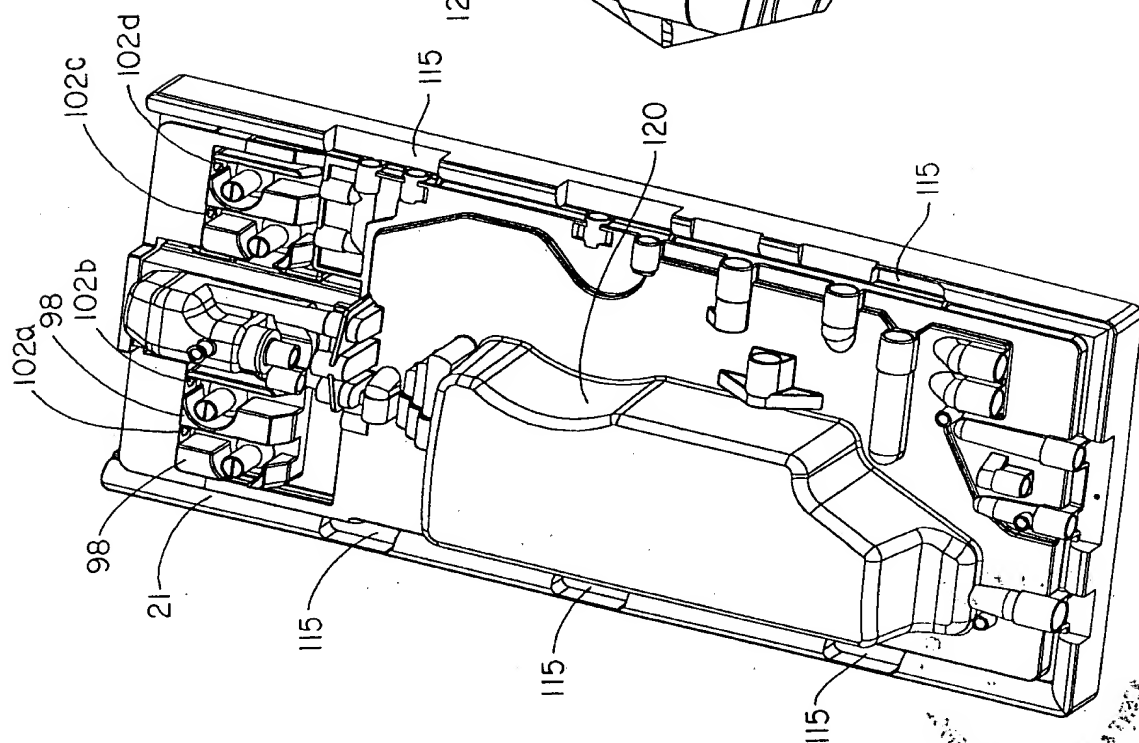


Fig. 10D

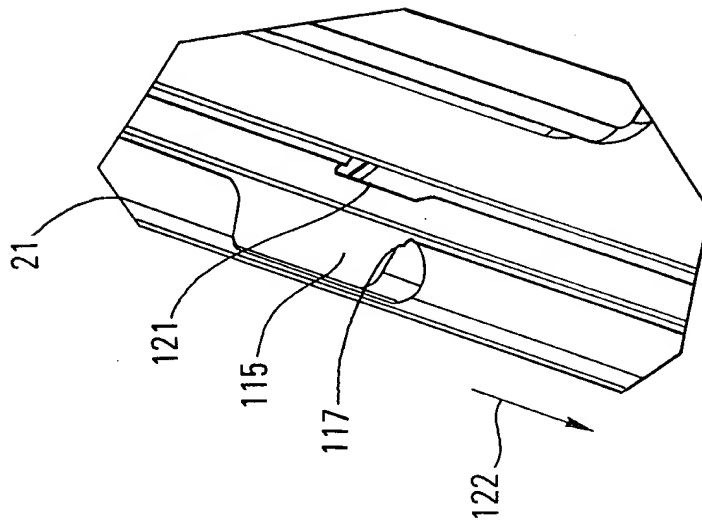


Fig. 10C

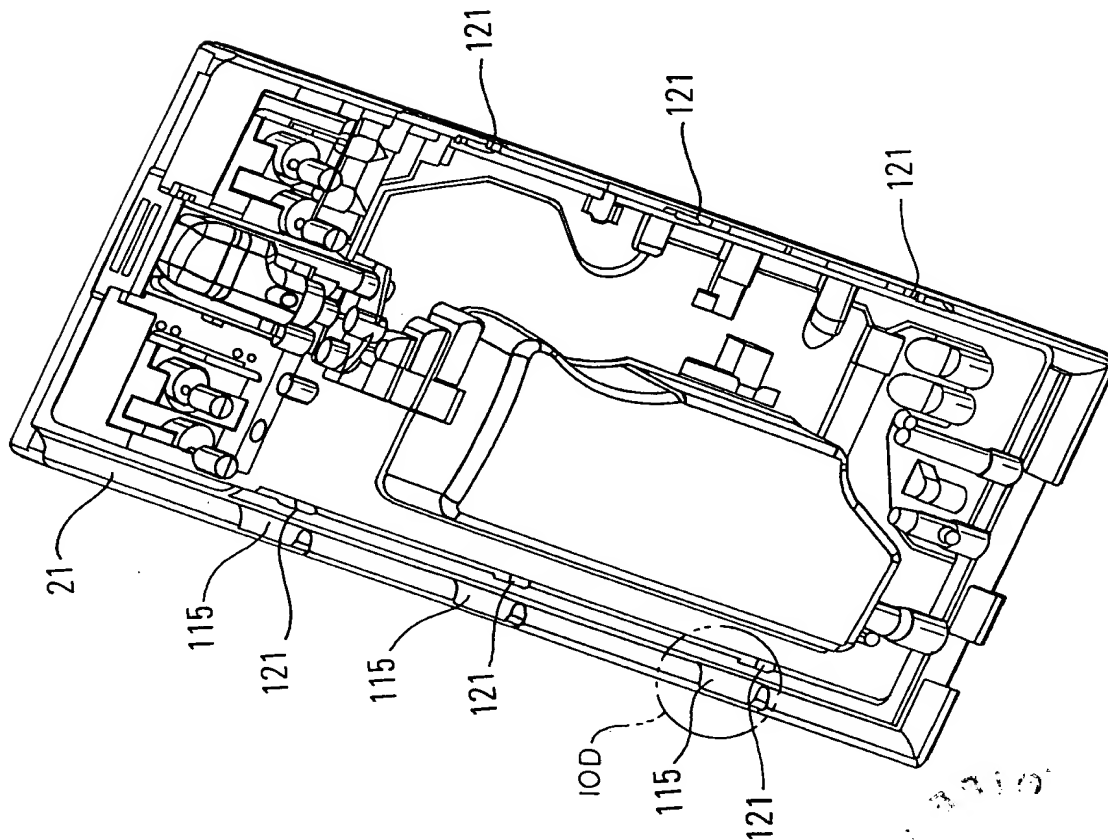


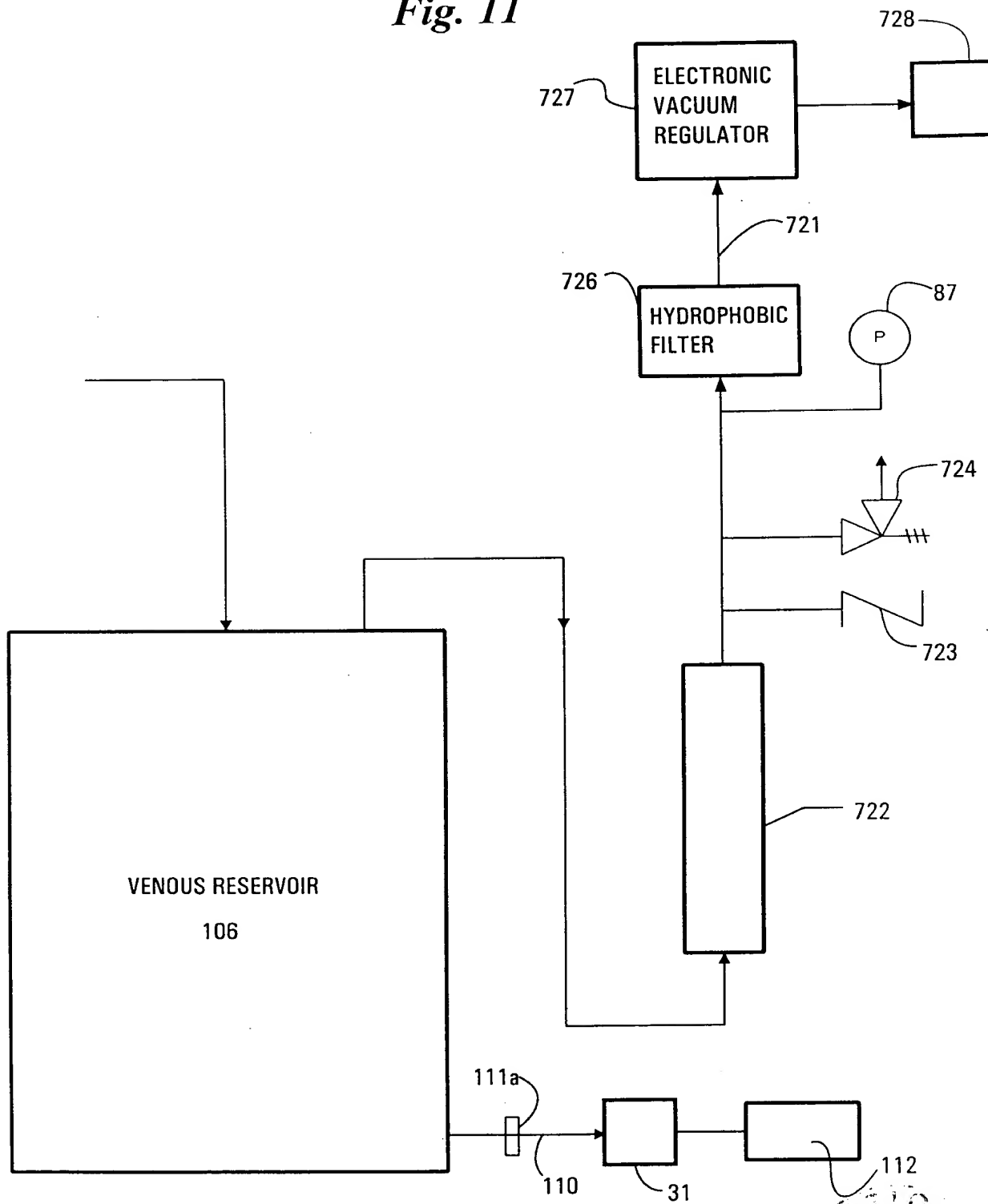
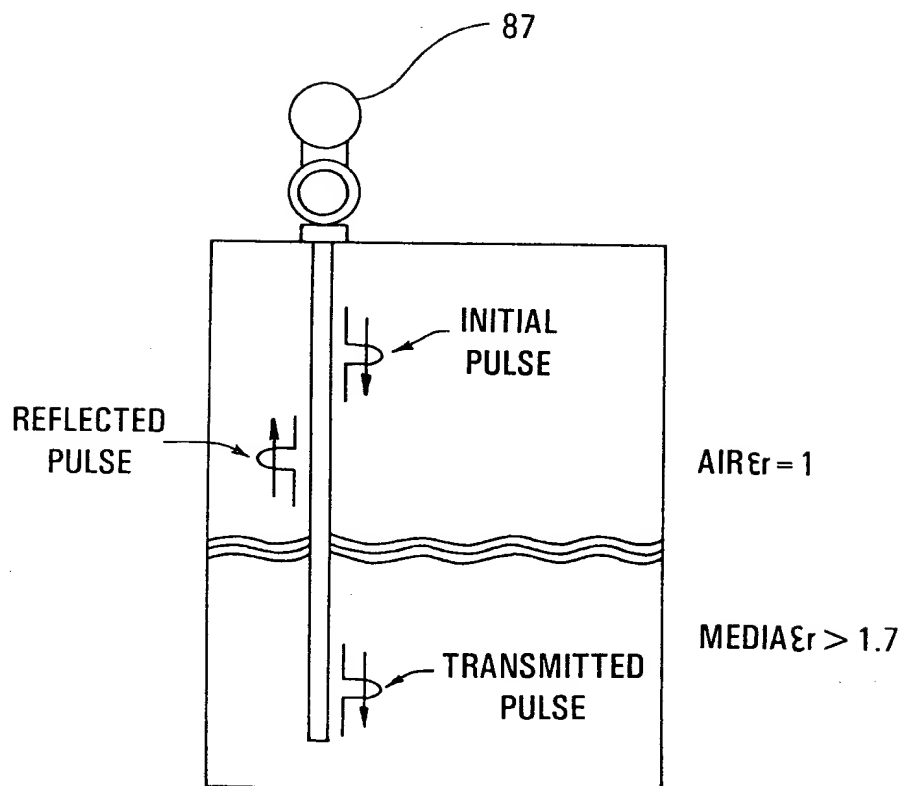
Fig. 11

Fig. 12



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Fig. 13

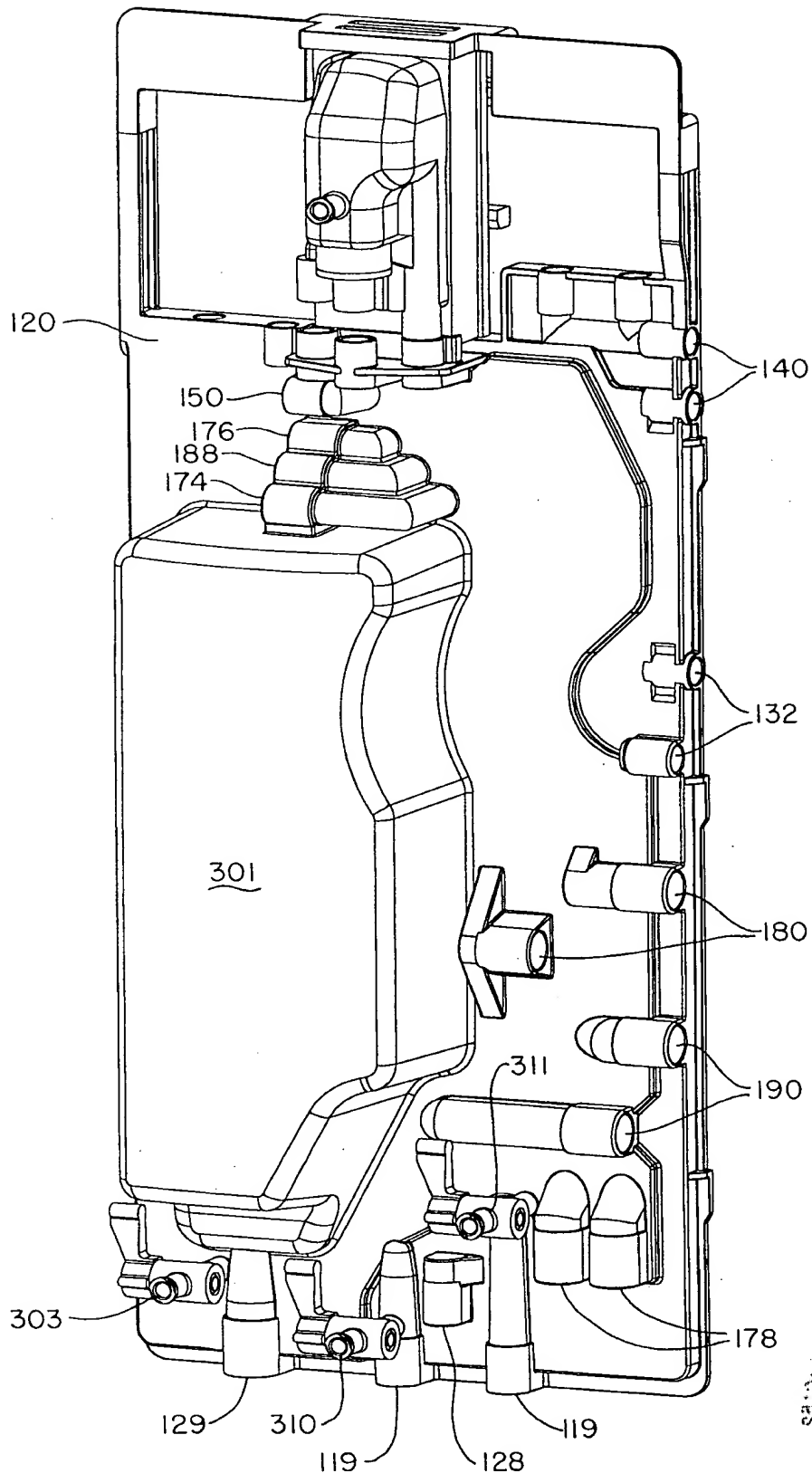


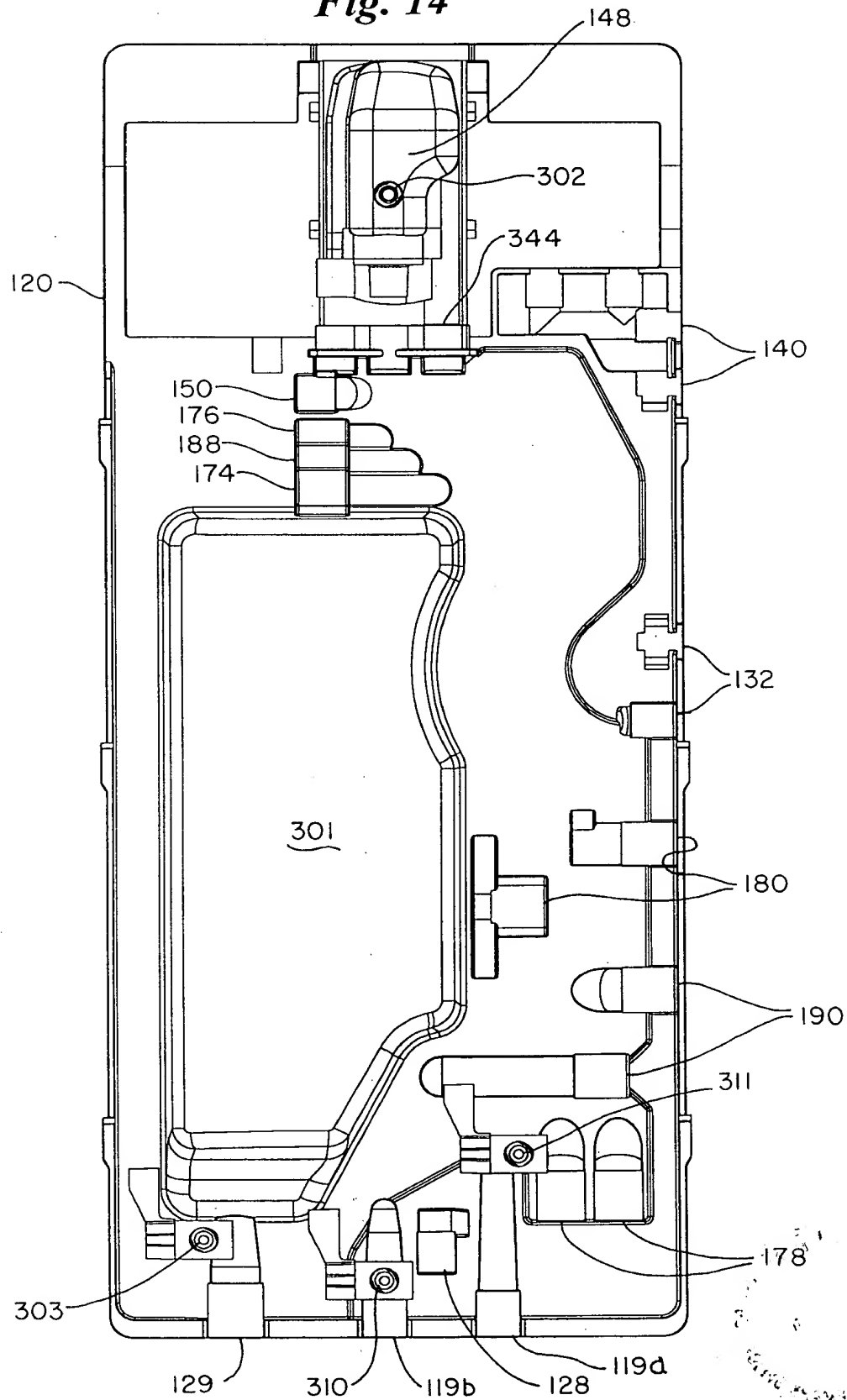
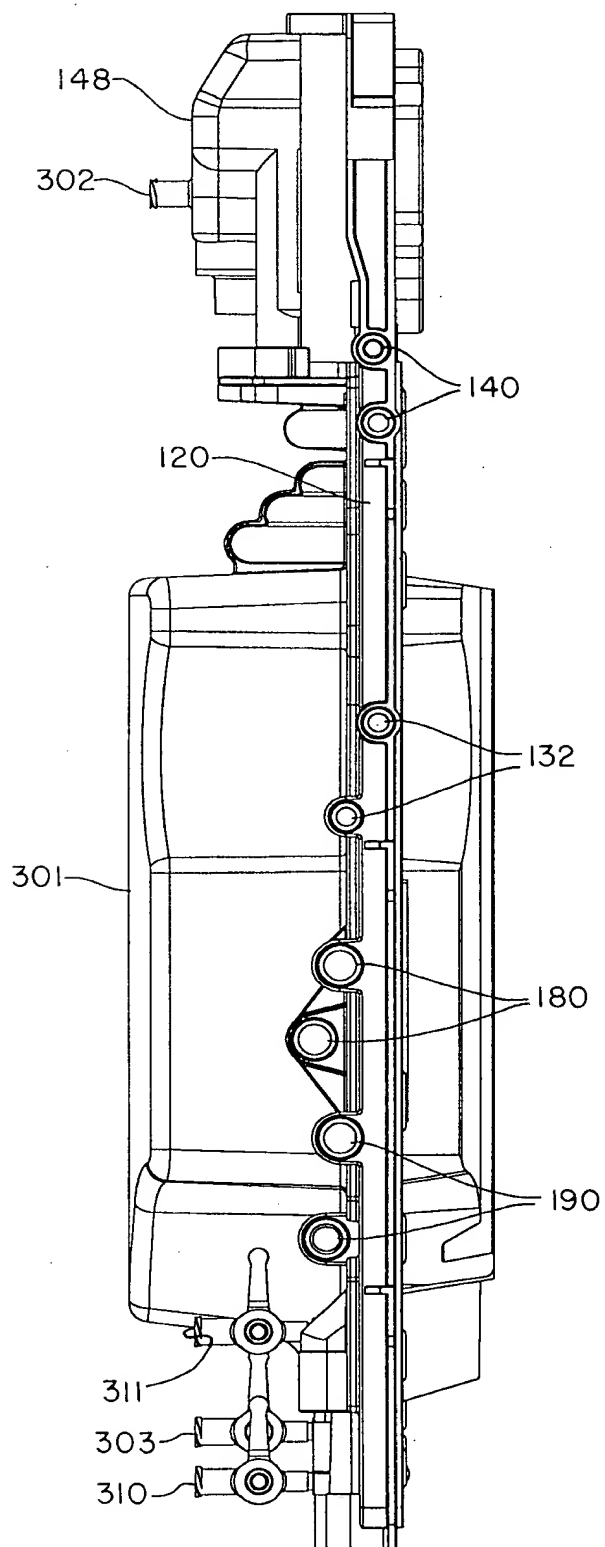
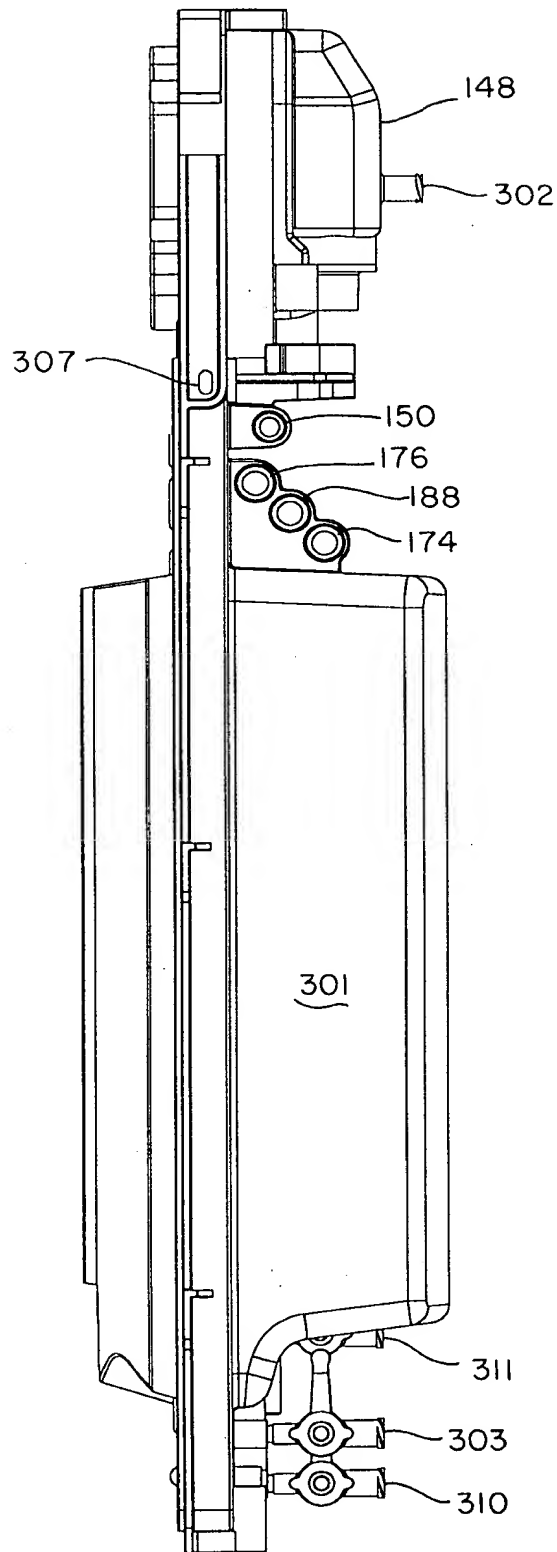
Fig. 14

Fig. 15

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Fig. 16

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Fig. 17

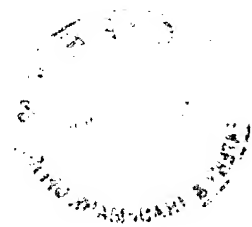
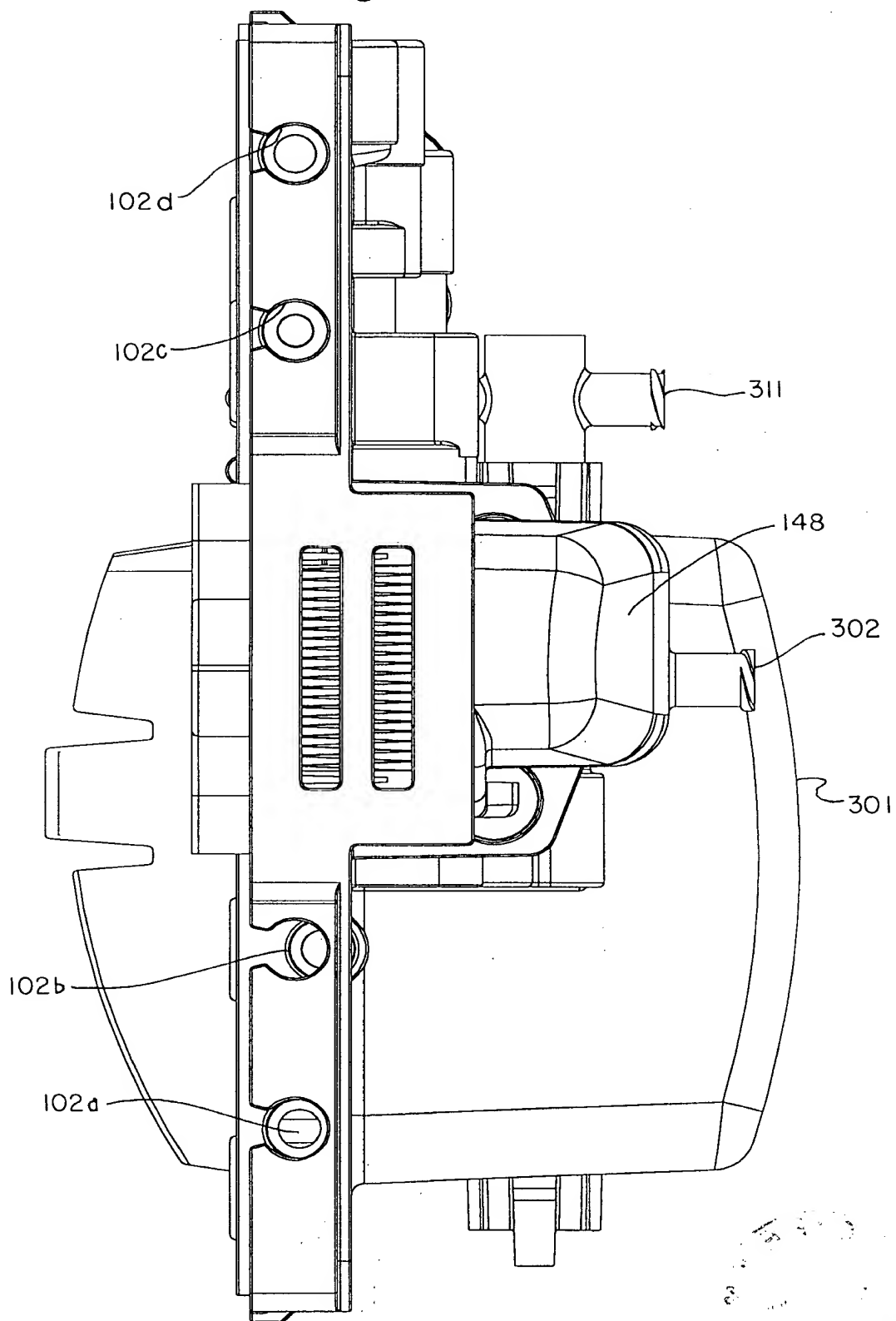
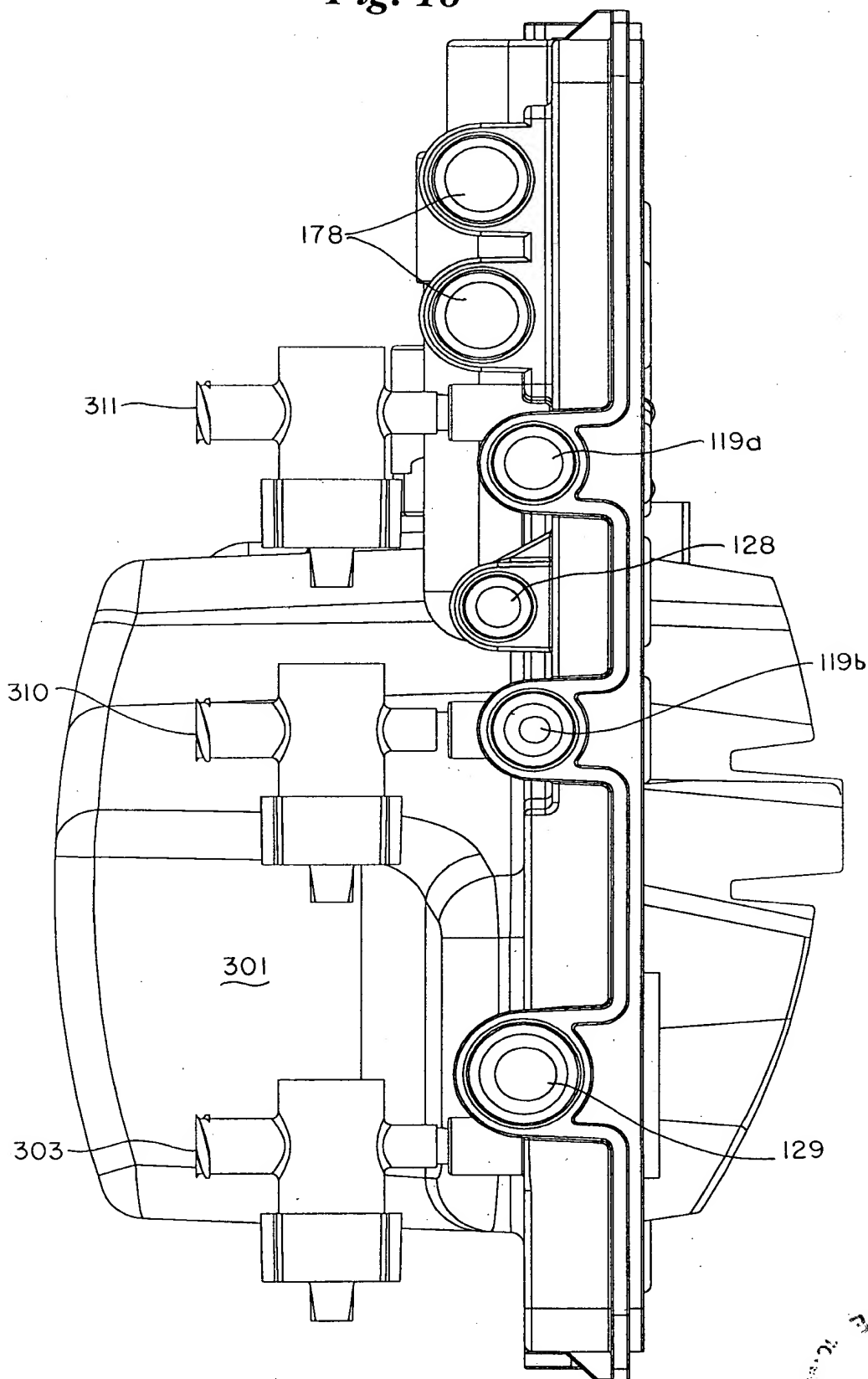


Fig. 18

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Fig. 19A

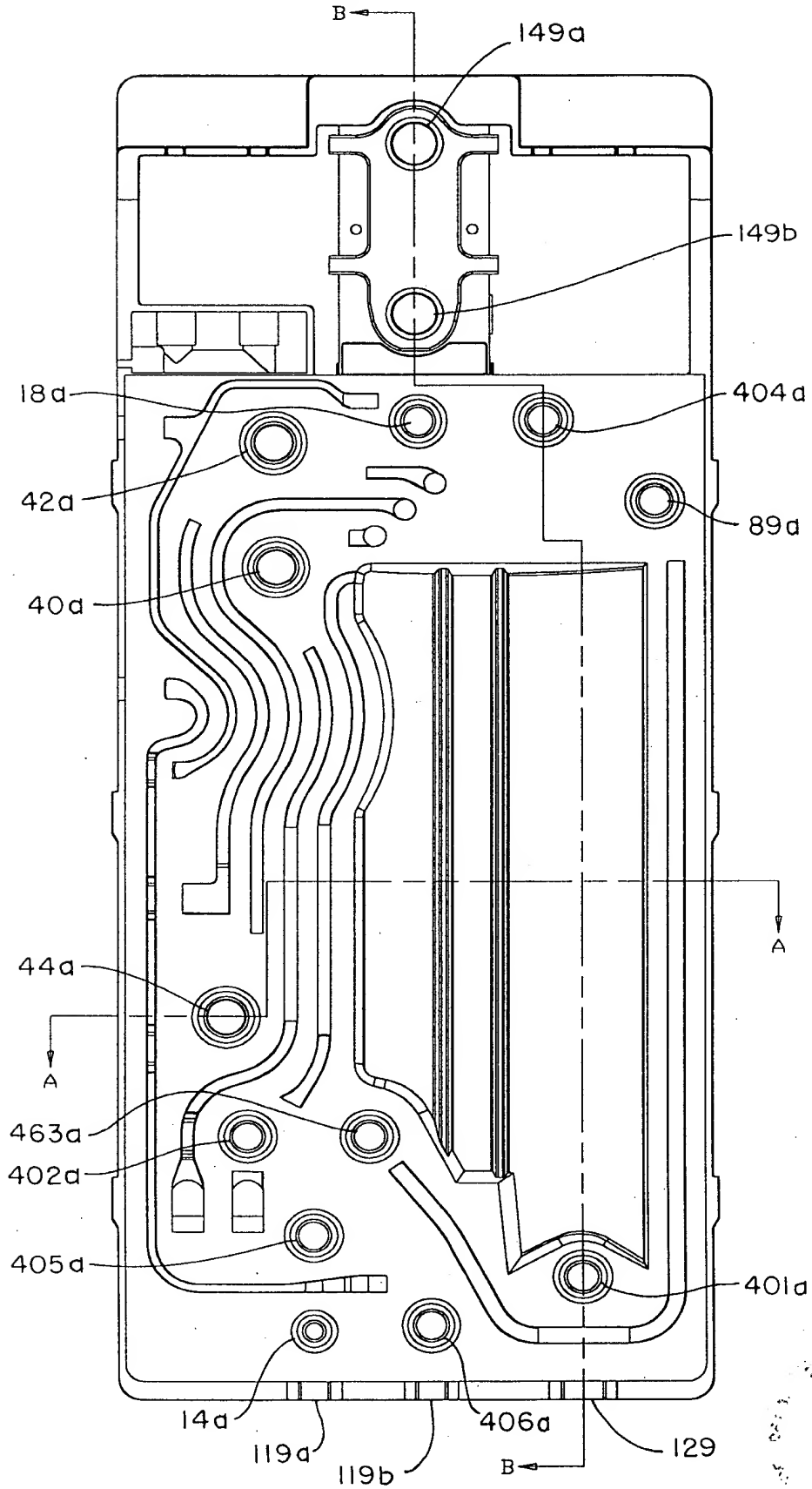


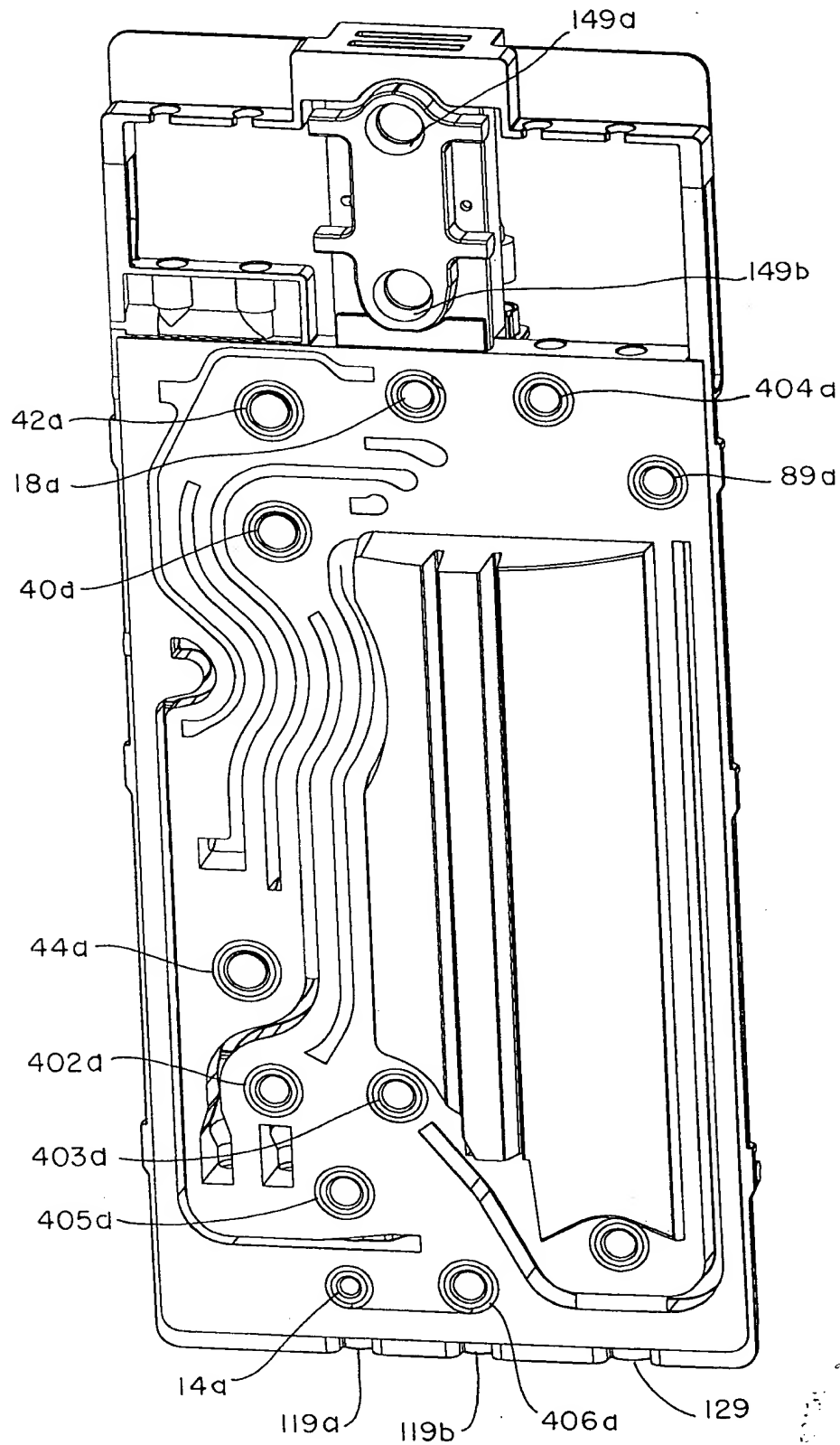
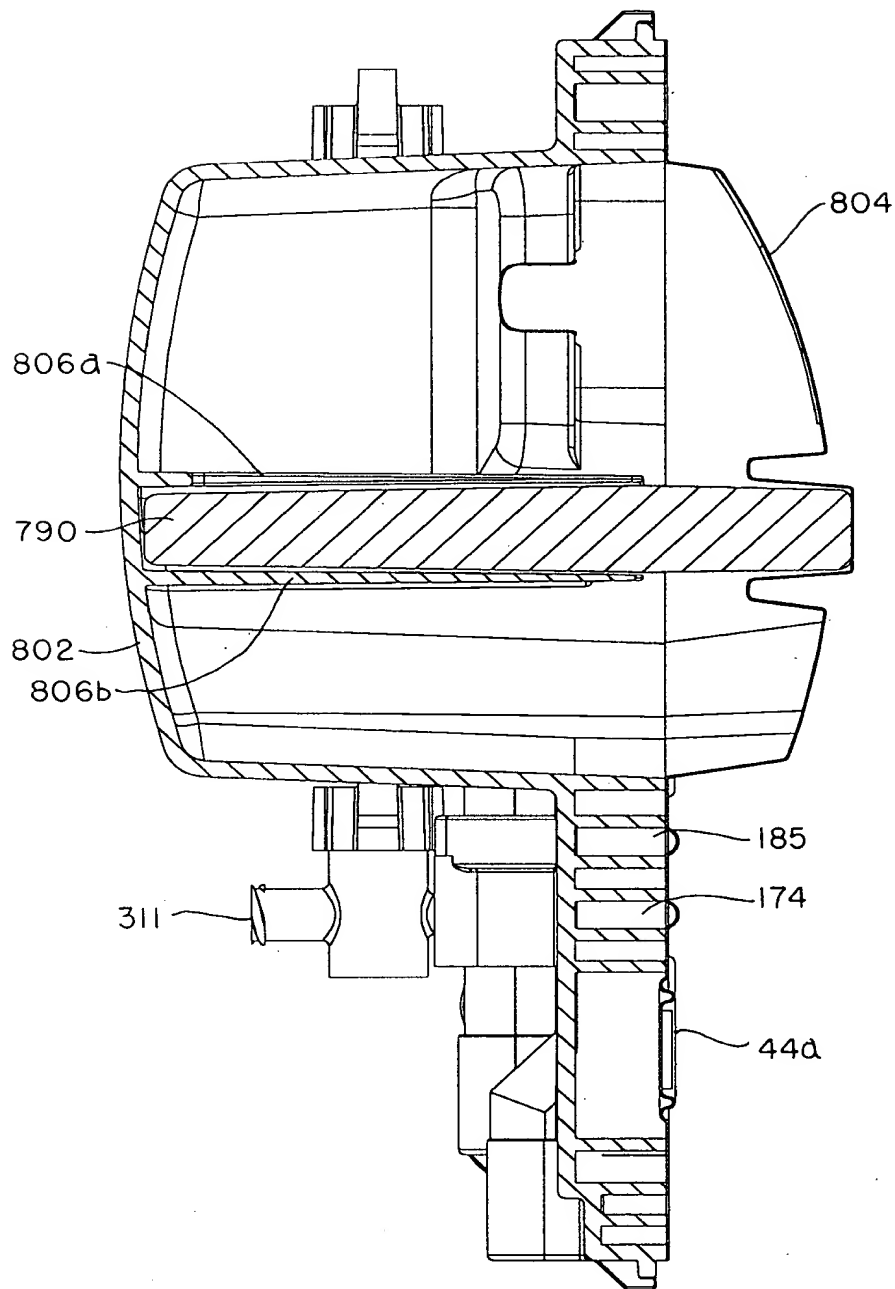
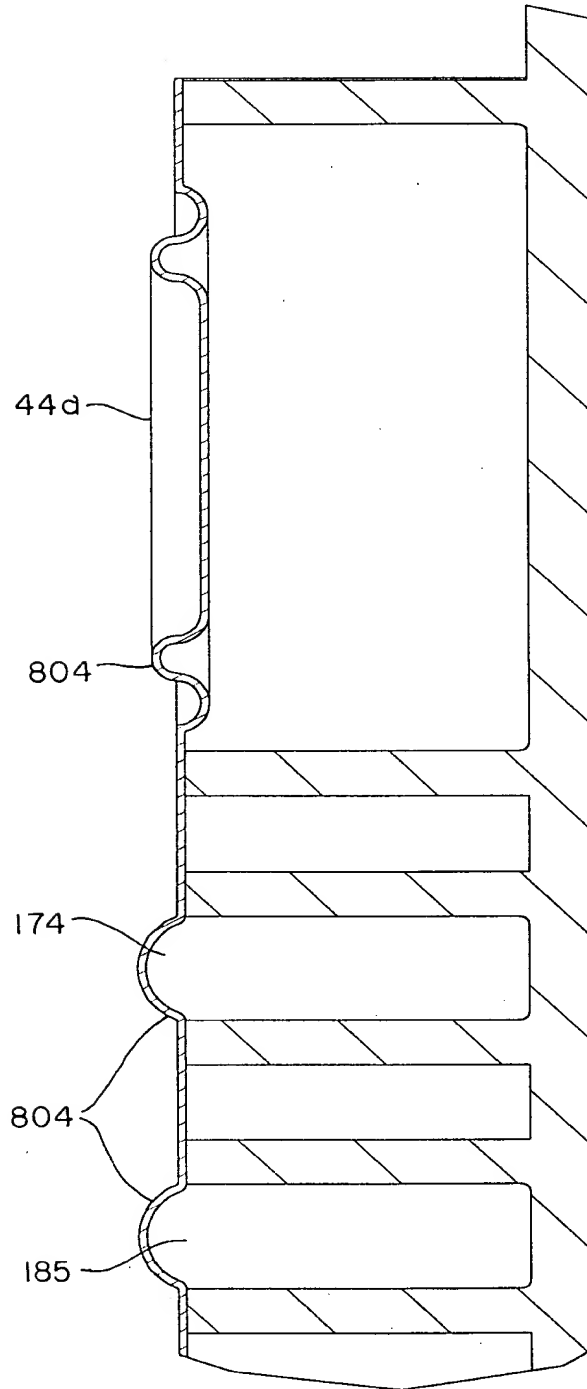
Fig. 19B

Fig. 20A

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Fig. 20B

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WASHINGTON, D.C. 20540

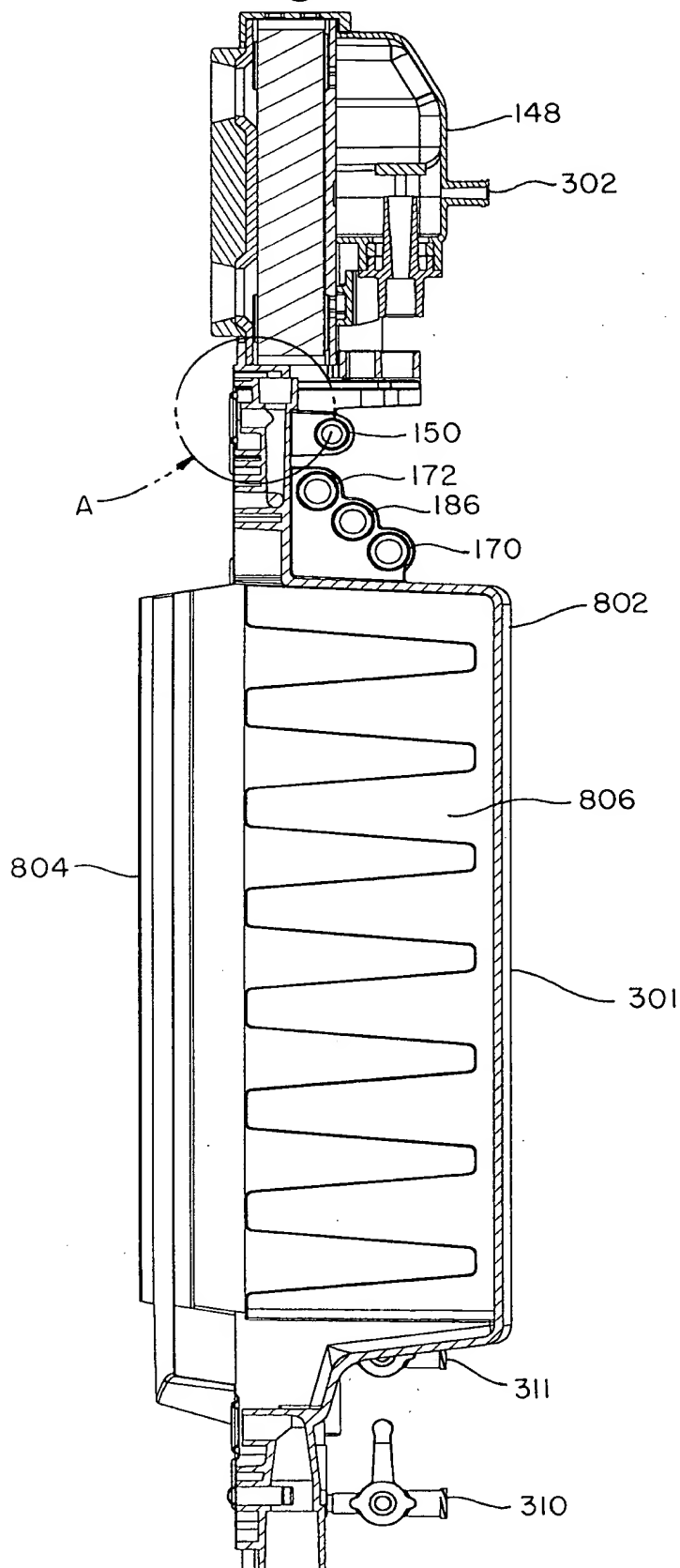
Fig. 21

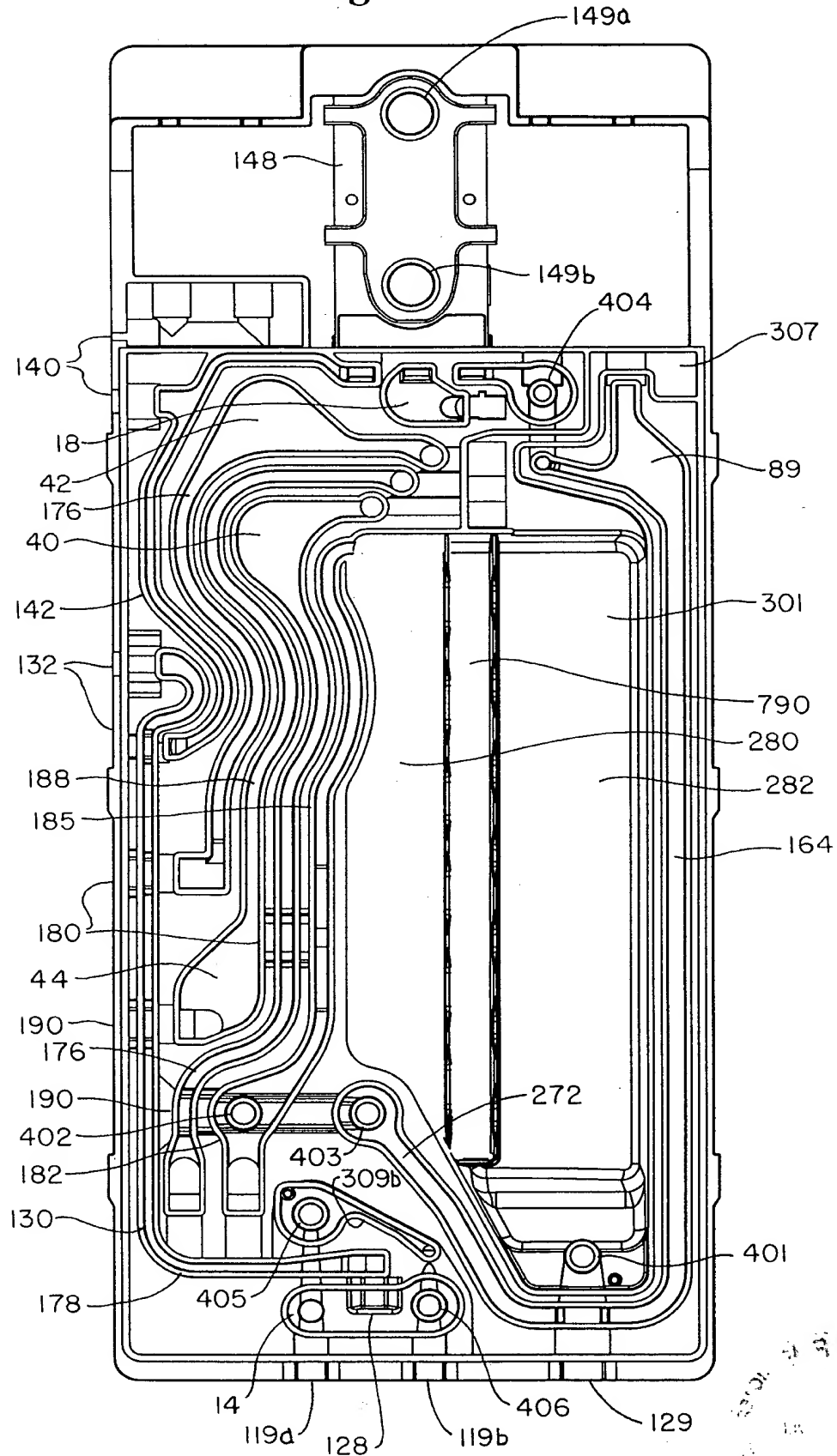
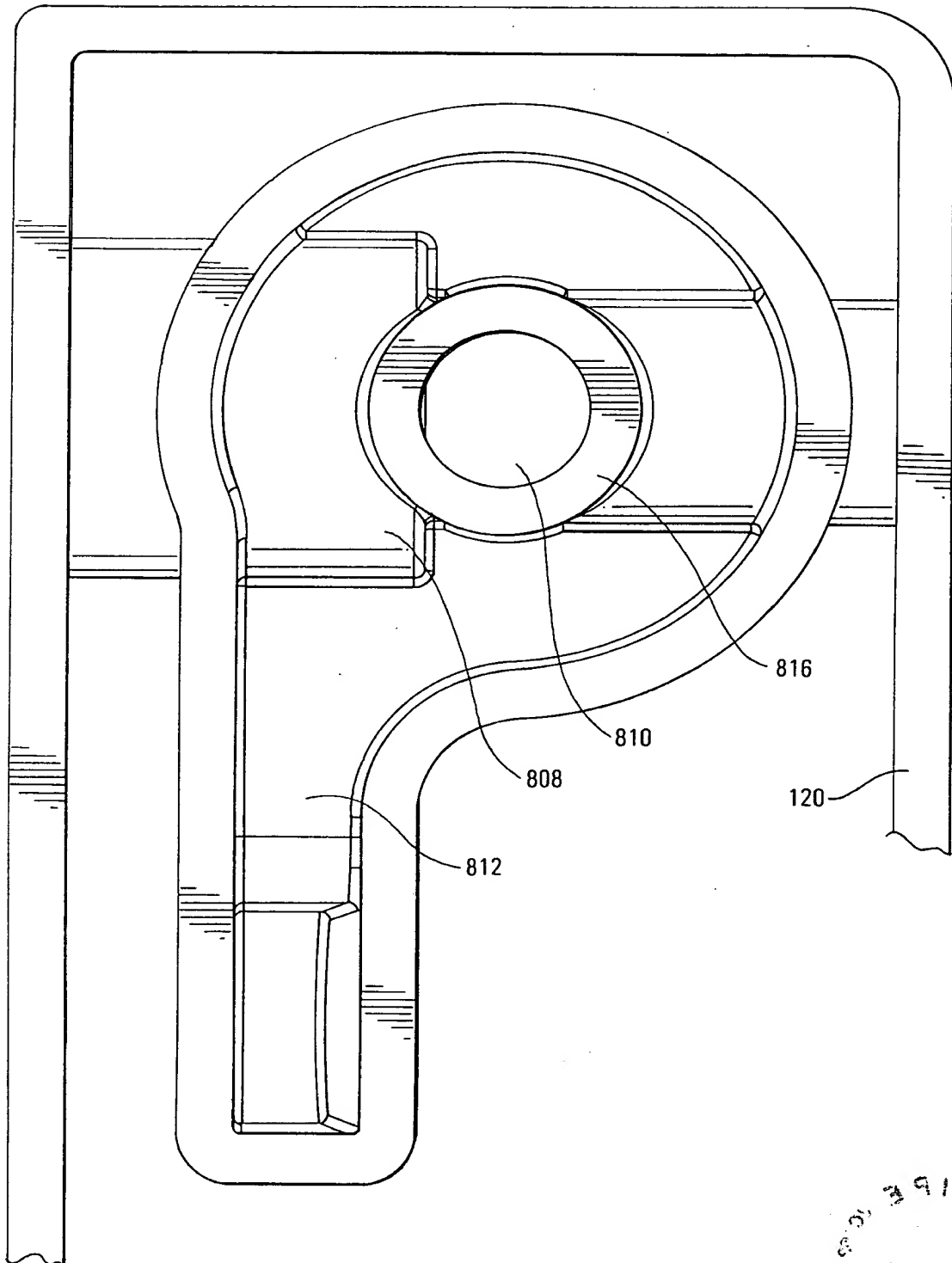
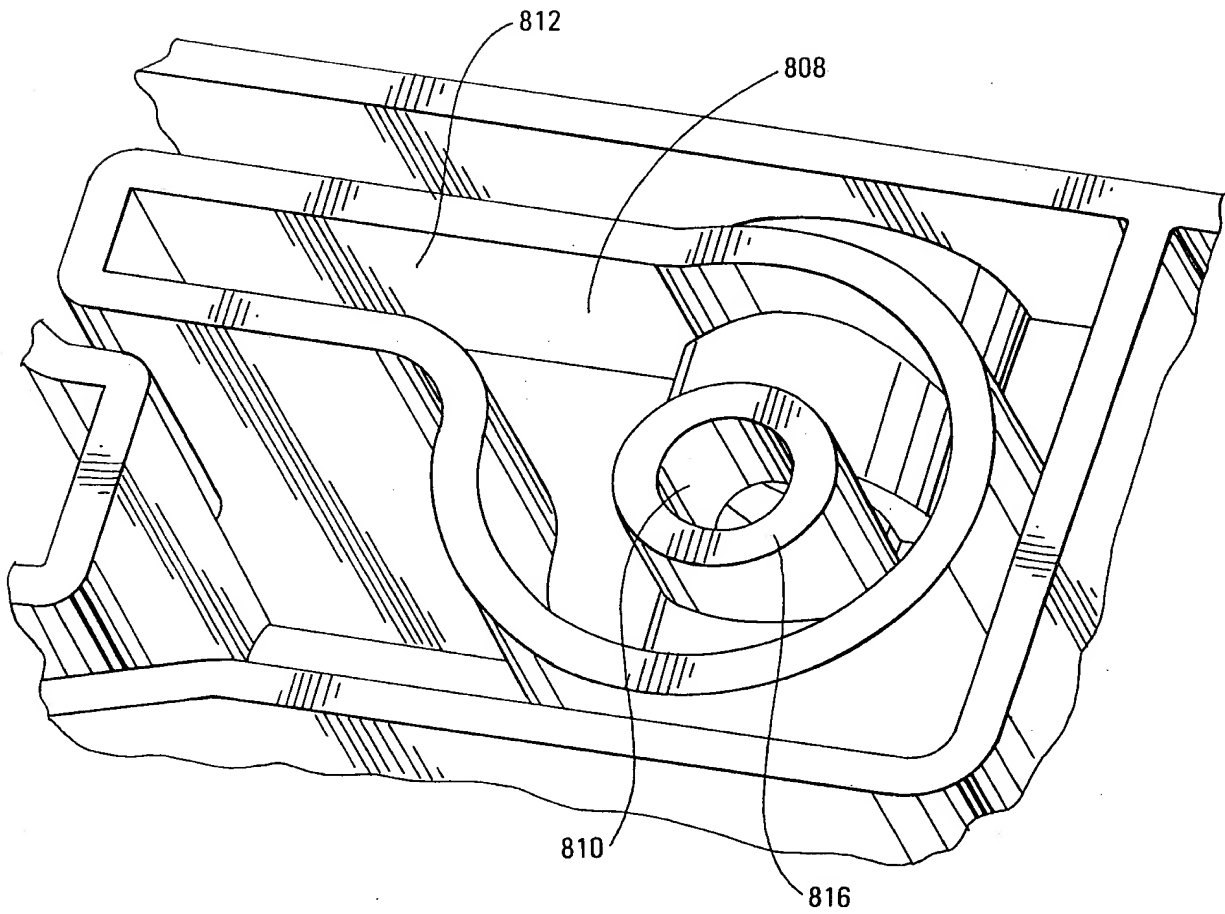
Fig. 22

Fig. 23A



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Fig.23B



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612
334-8992
TERRY L. WILES
ATTORNEY
CV0290US
09/963,878

Fig. 24A

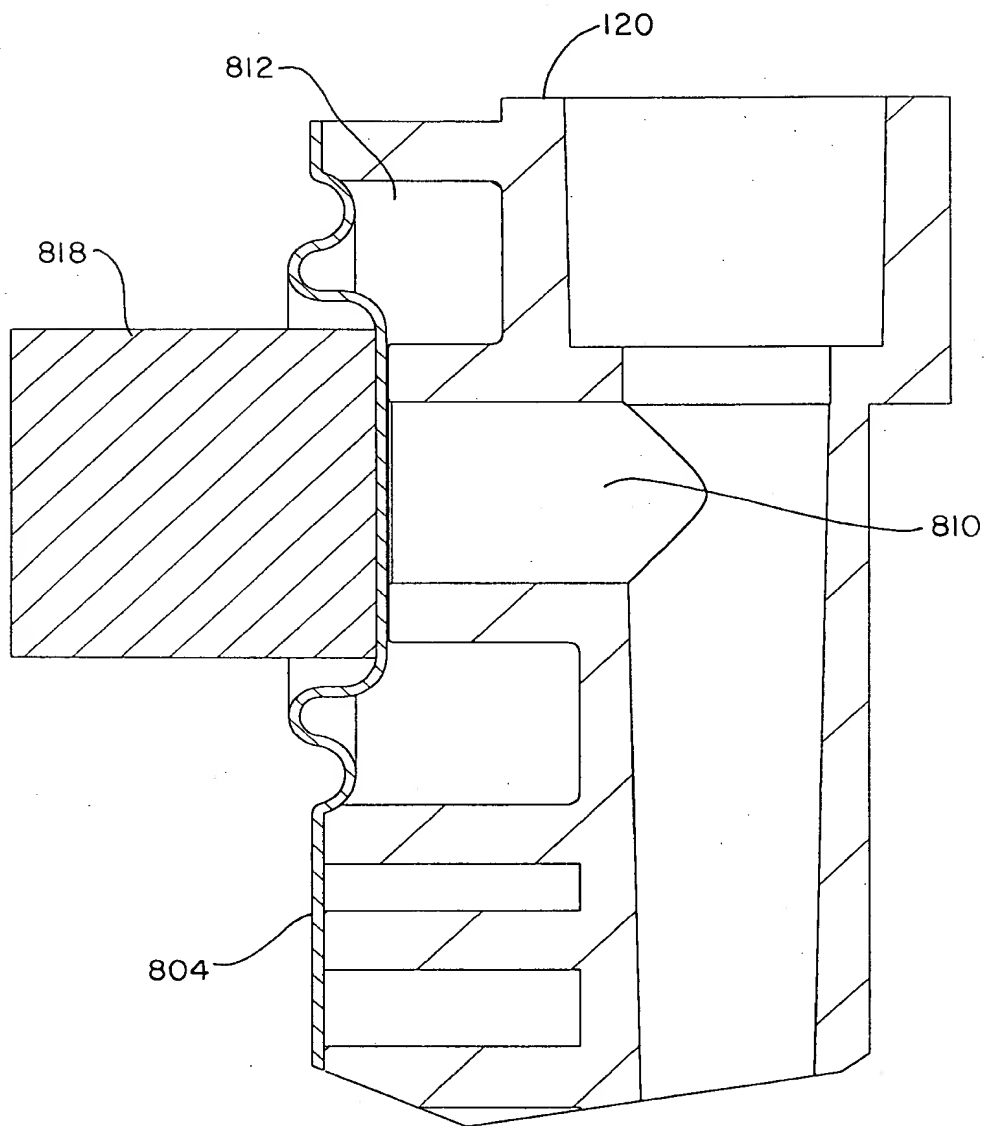
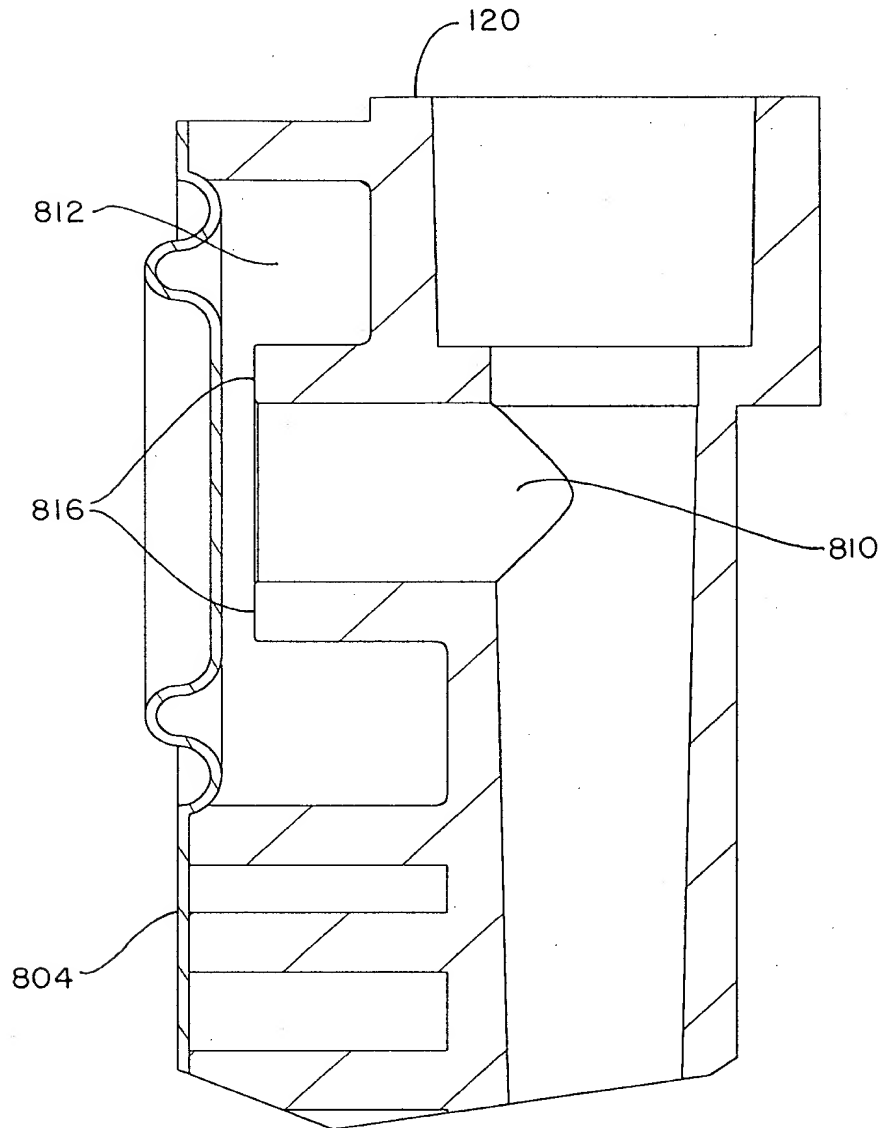


Fig. 24B



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Fig.25

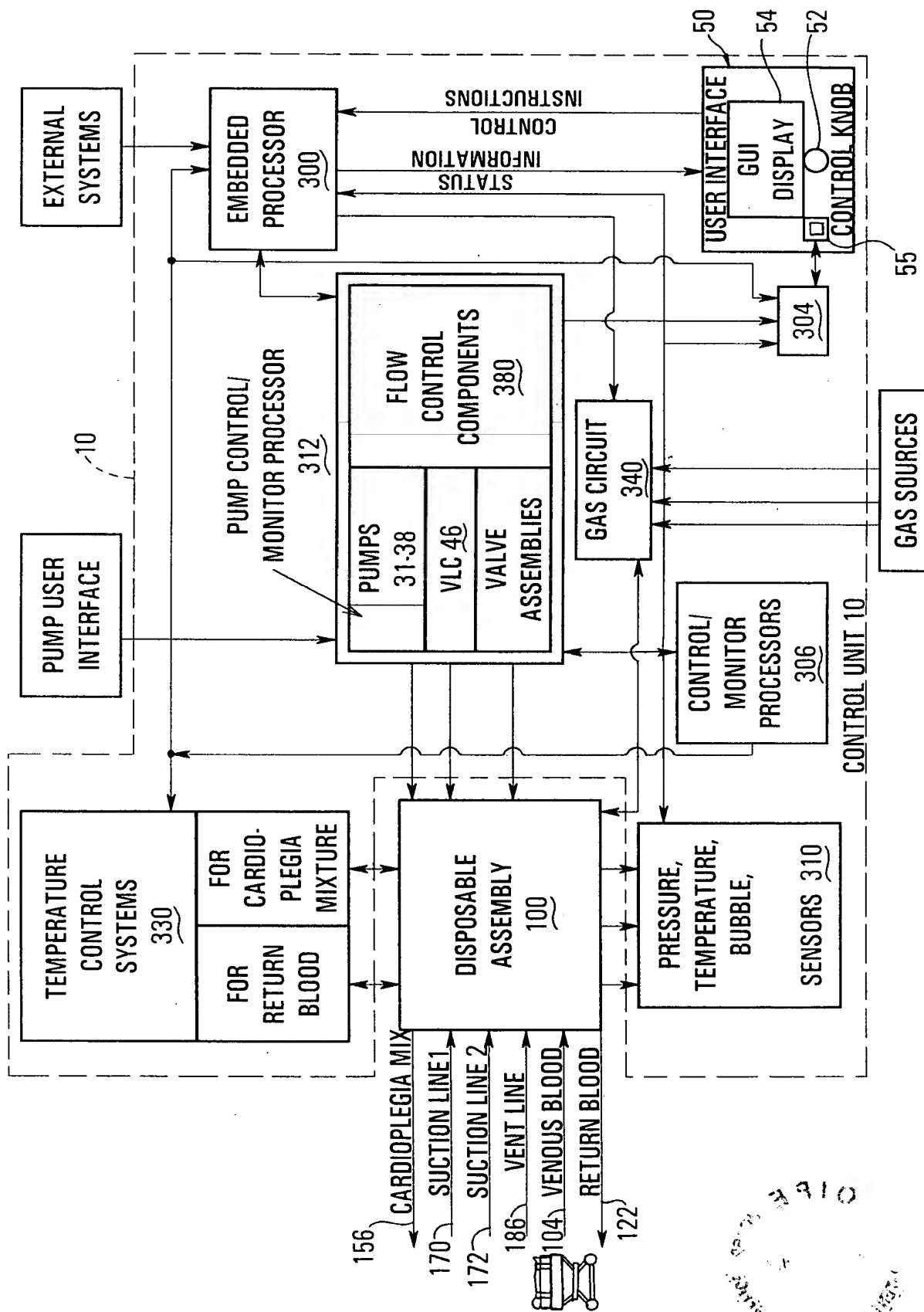


Fig. 26

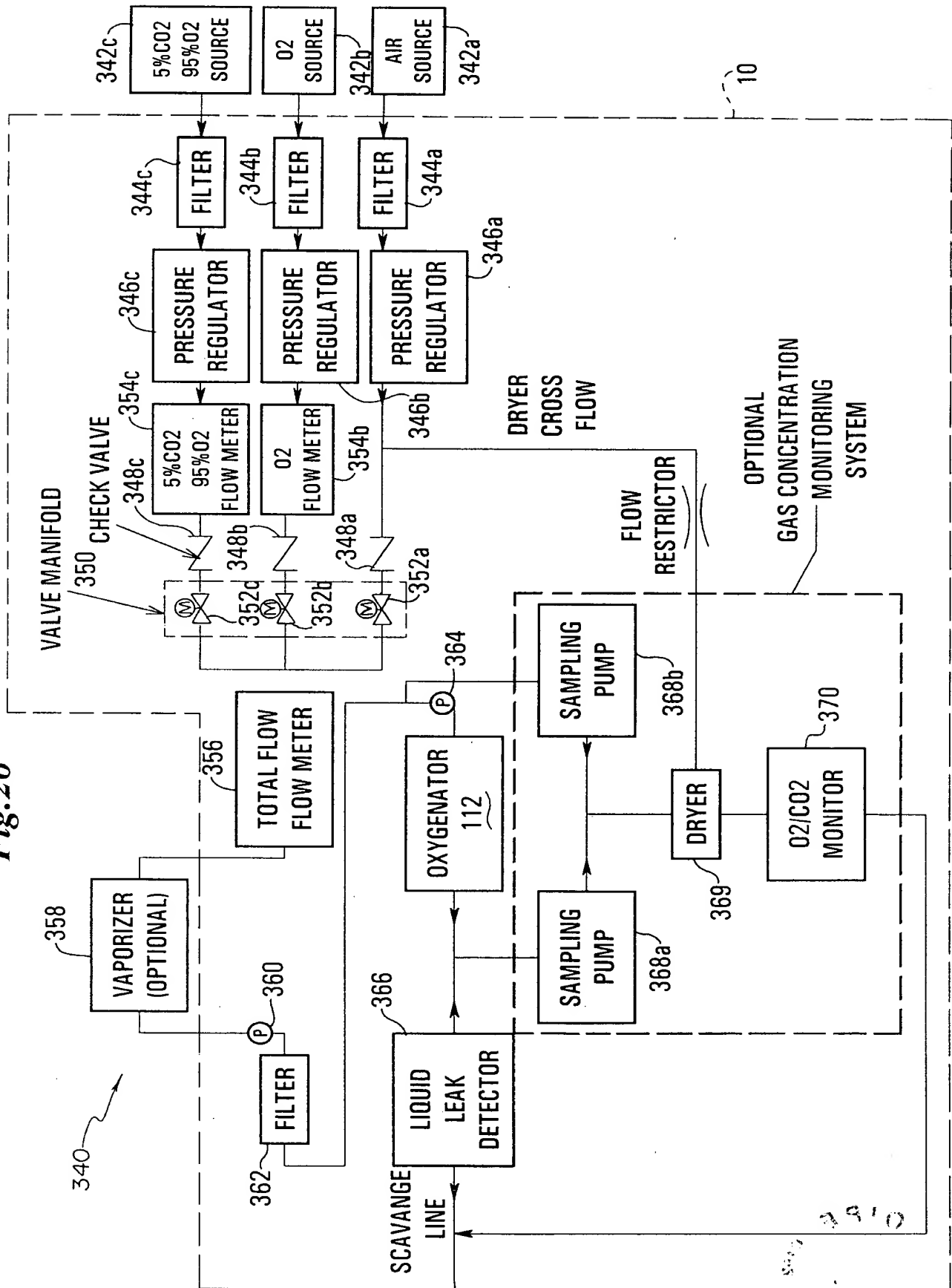


Fig. 27

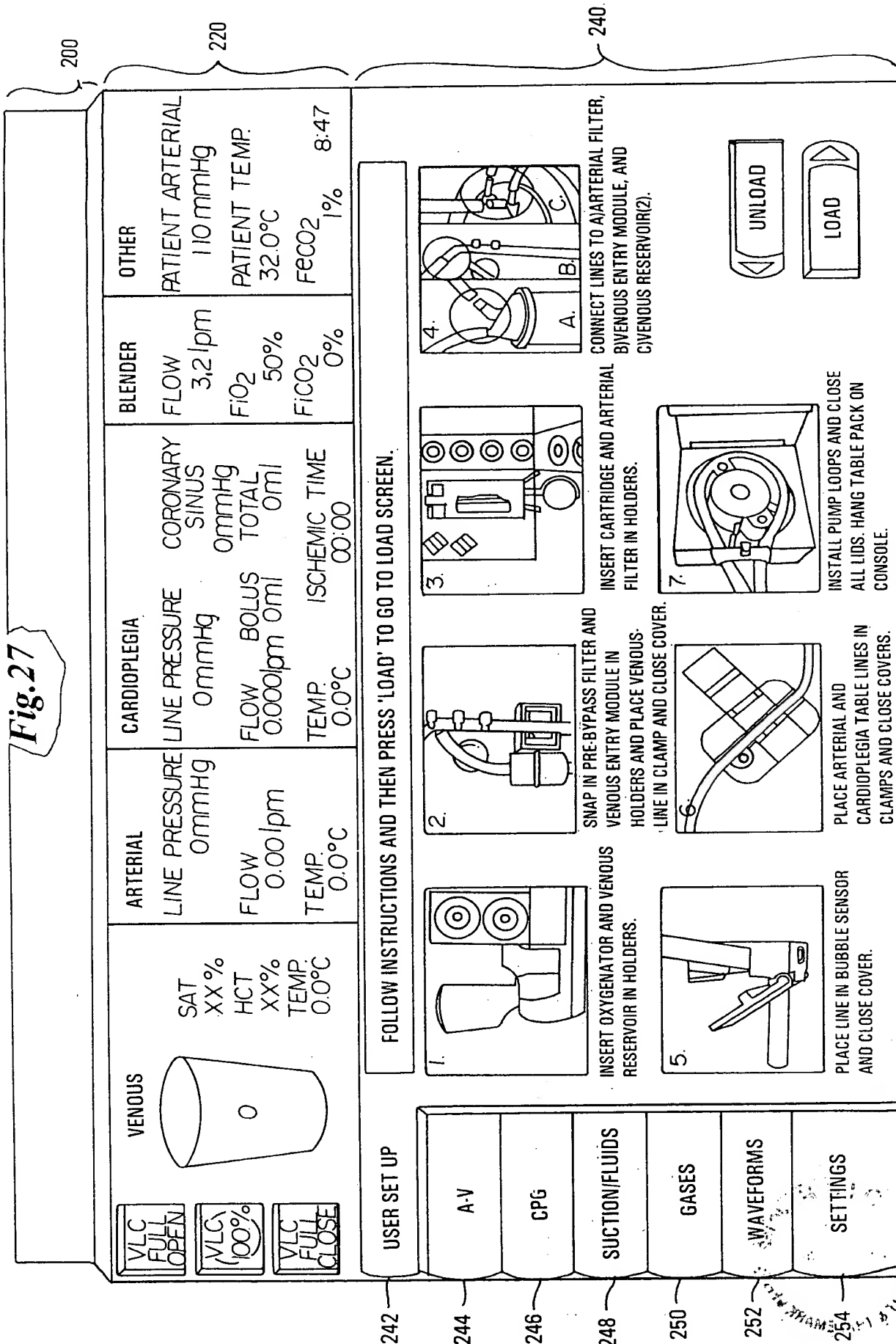


Fig. 28A

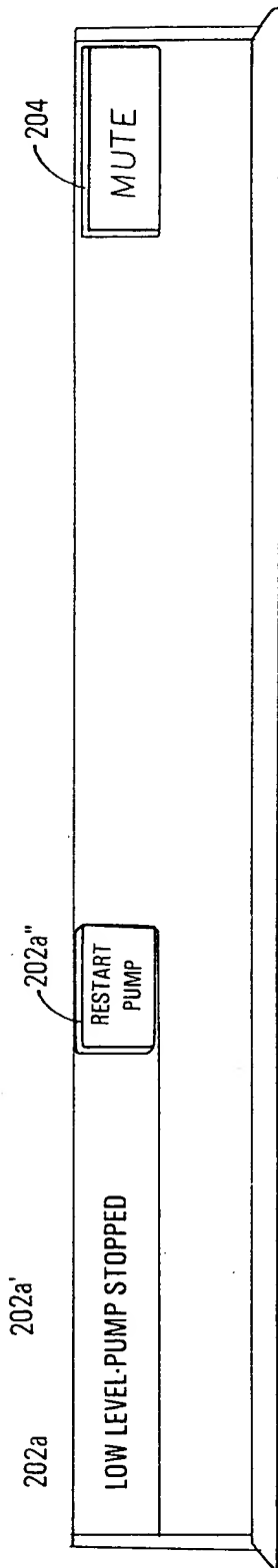


Fig. 28B

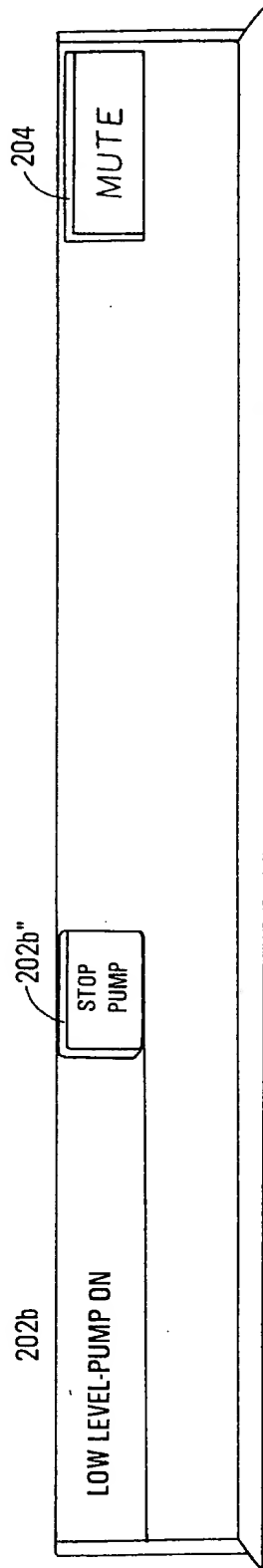


Fig. 28C

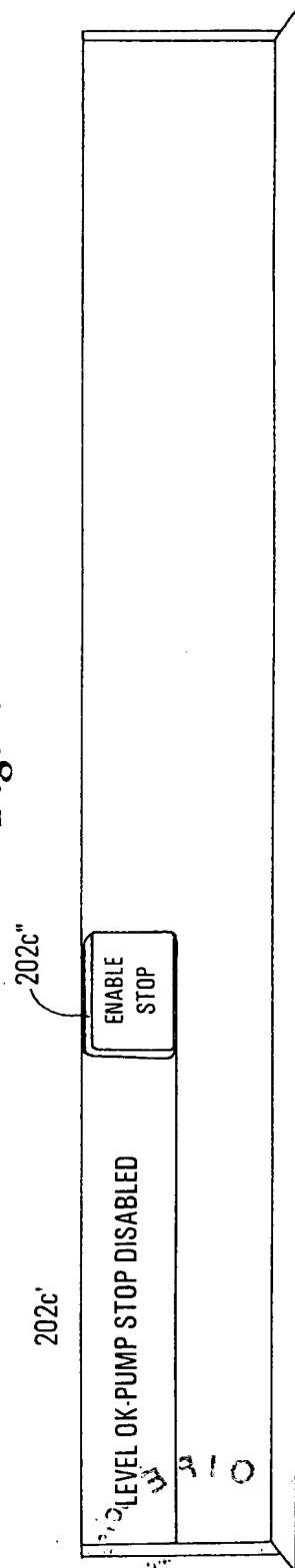
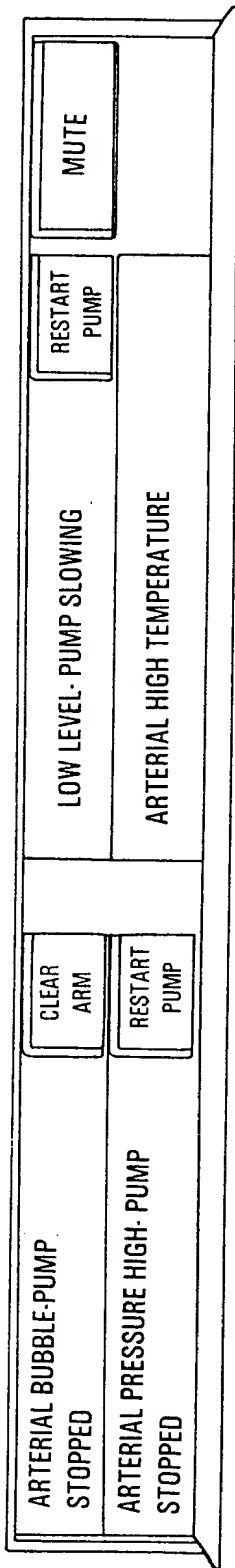
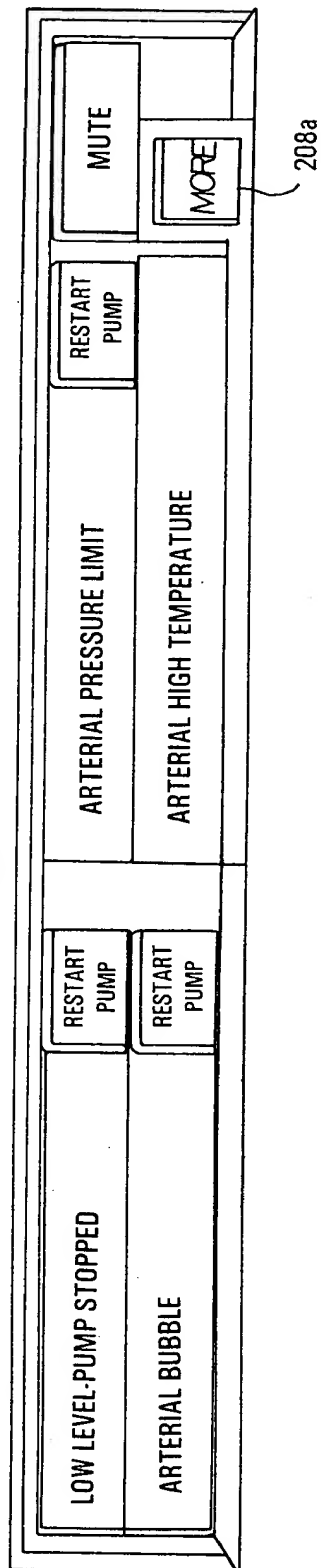
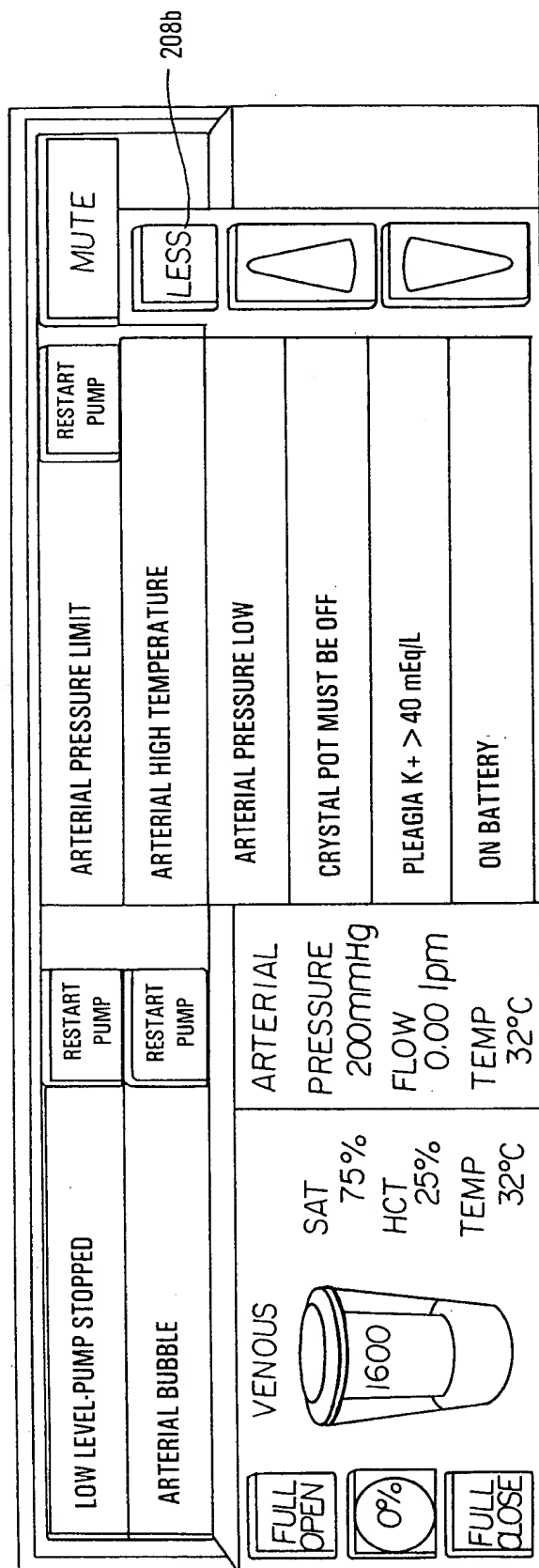


Fig. 28D*Fig. 28E*

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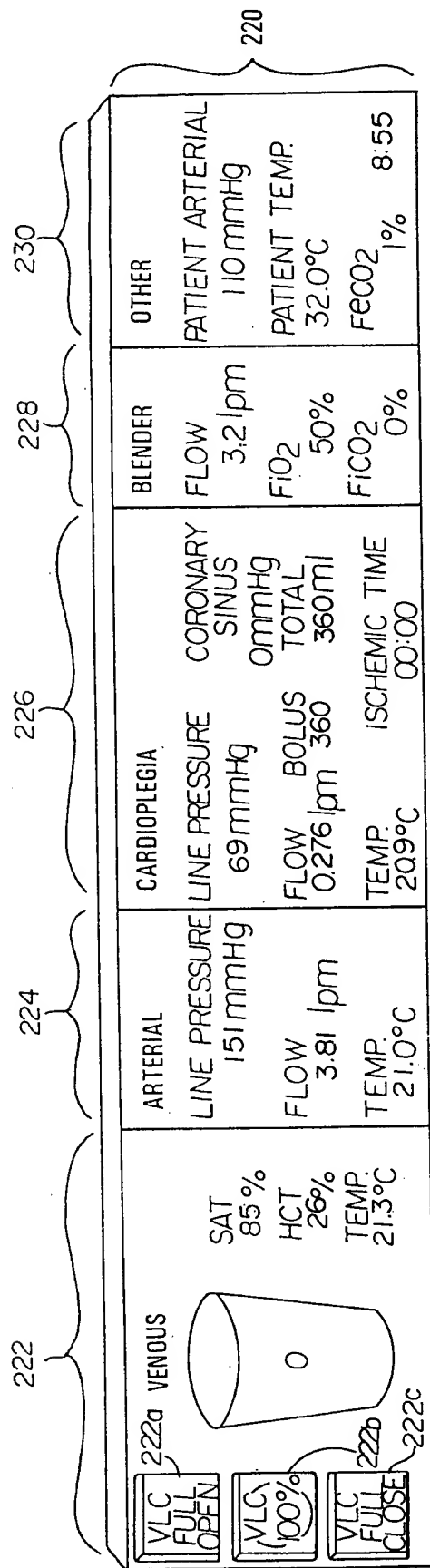
Serial No. 09/963,878
Applicant: Bruce Ellingboe et al.
Attorney Docket: CV0290US
Attorney: Terry L. Wiles
Telephone: (612) 334-8992

Fig. 28F



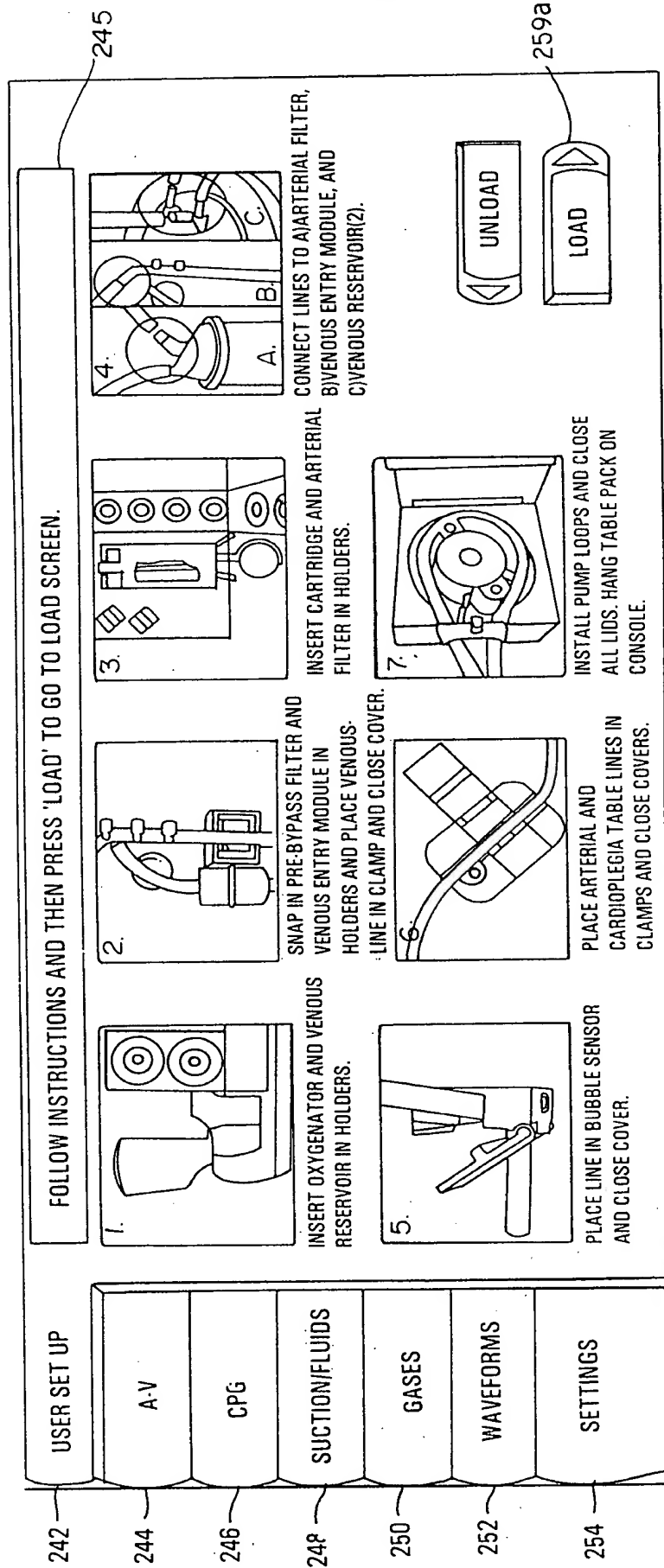
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Fig. 29



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ATTORNEY GENERAL
STATE OF MINNESOTA
JAN 10 1997

Fig. 30A



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Fig.30B

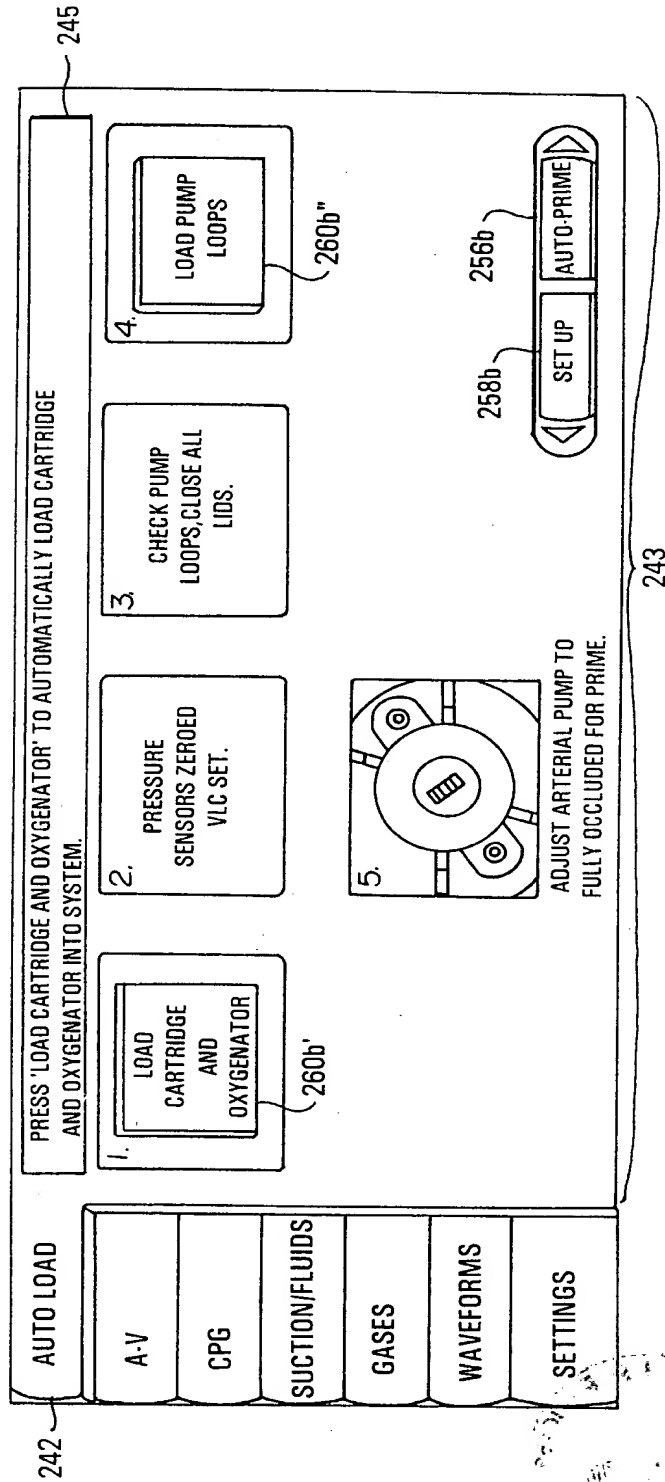


Fig.30C

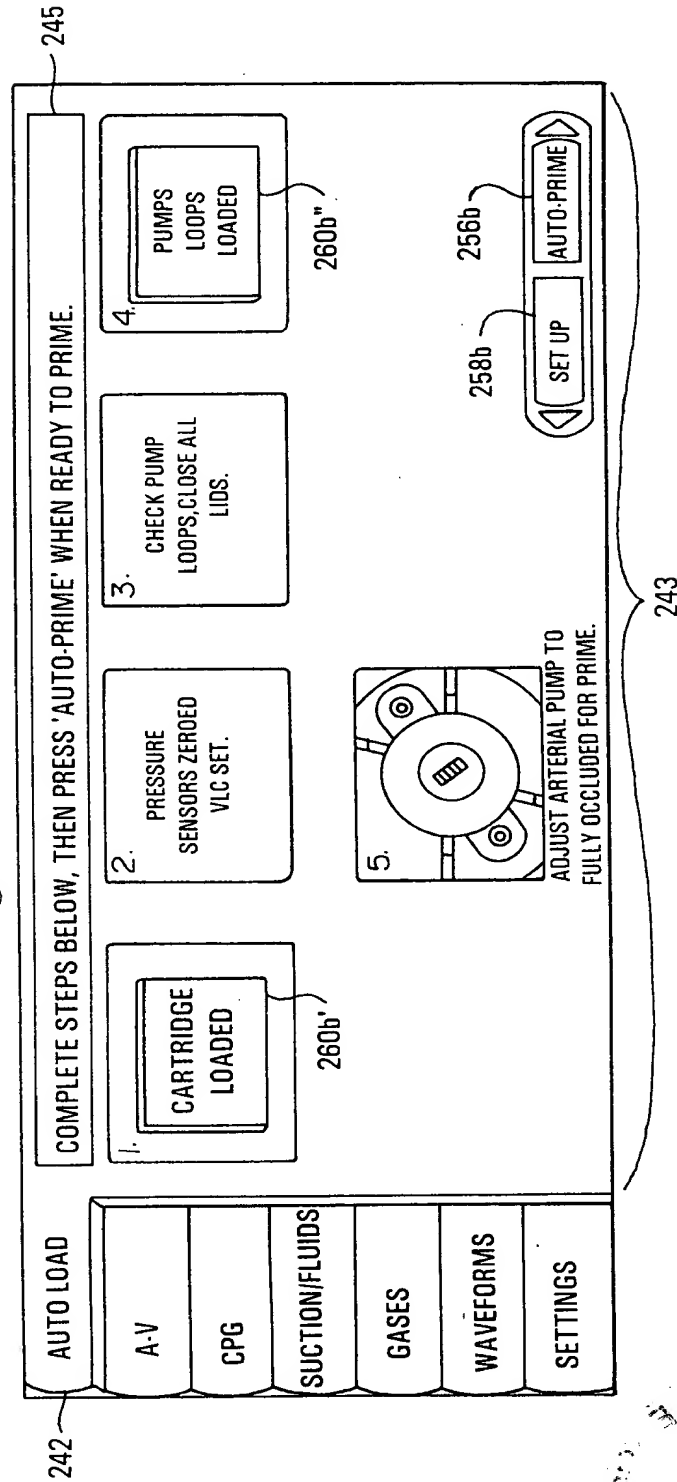
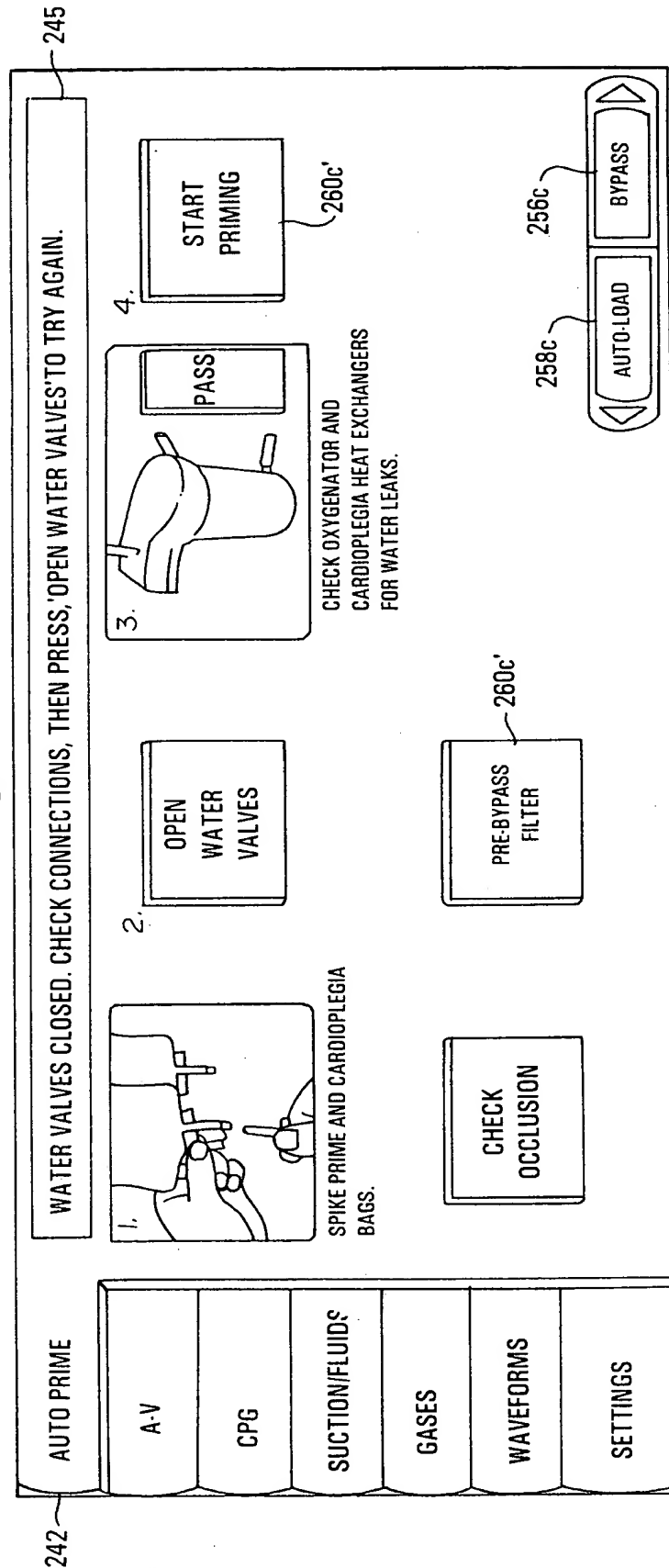
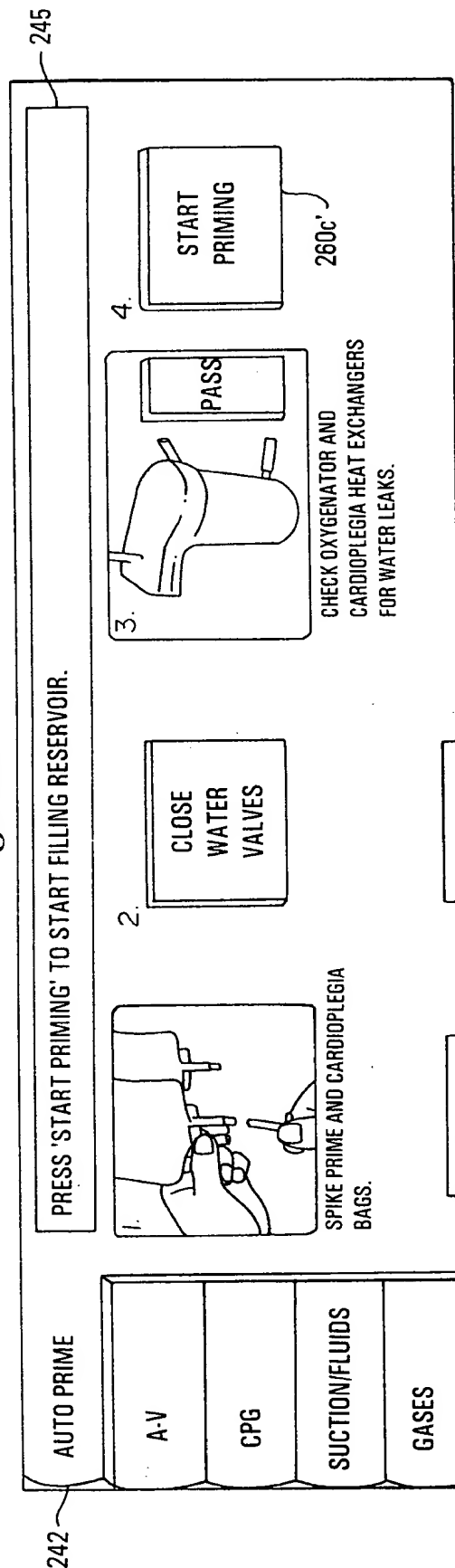


Fig.30D



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Fig. 30E



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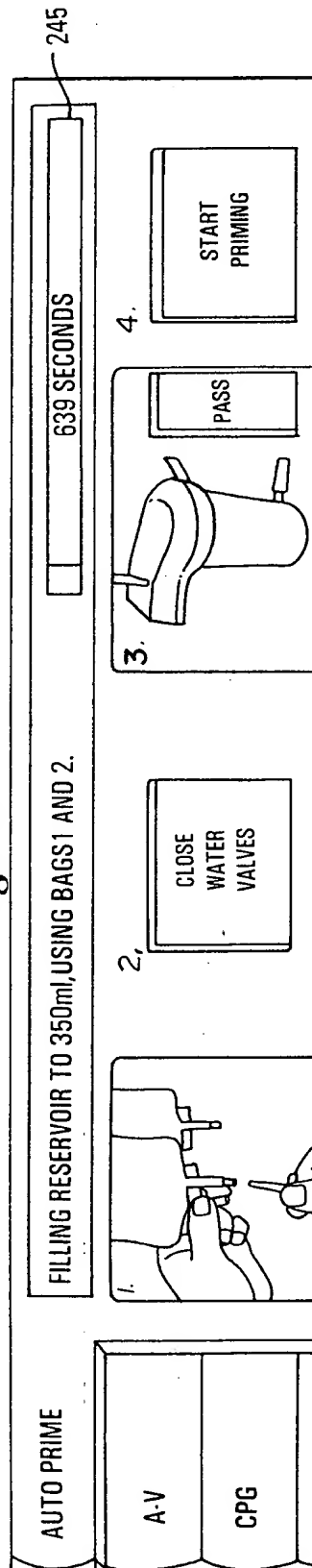
Fig. 30F

Fig. 30G

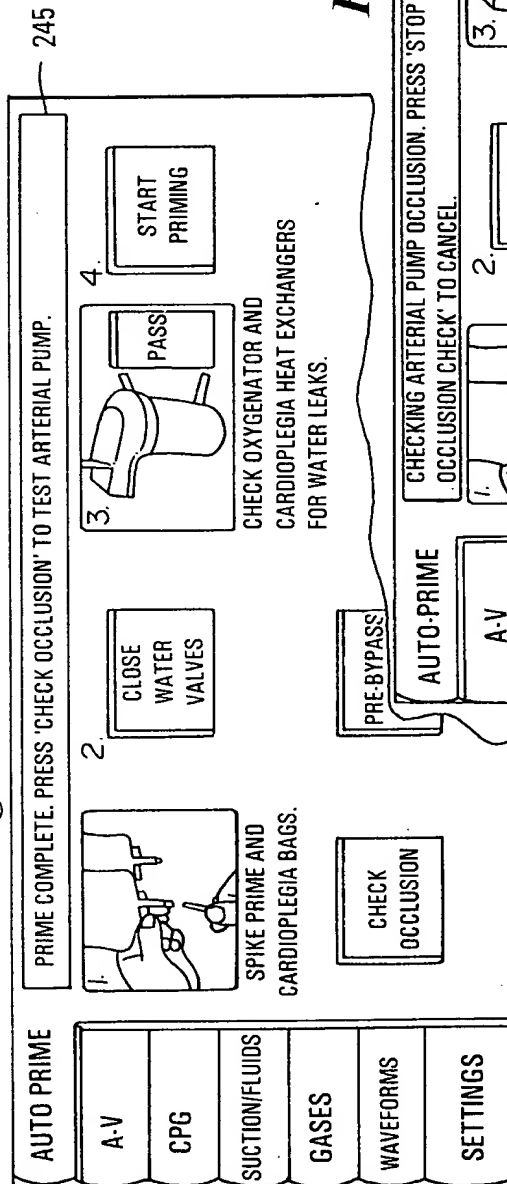
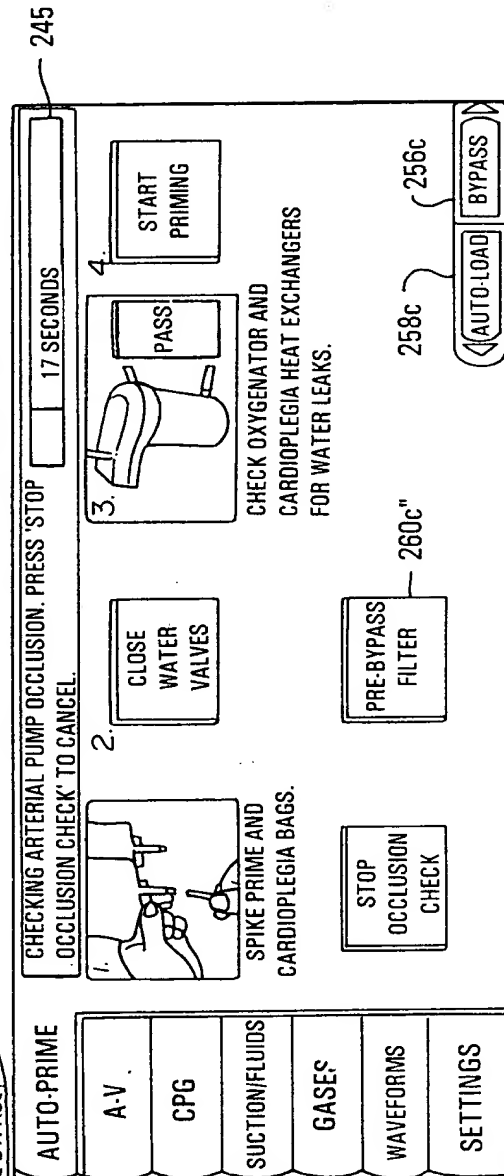


Fig. 30H



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SEP 10 1996

Fig. 301

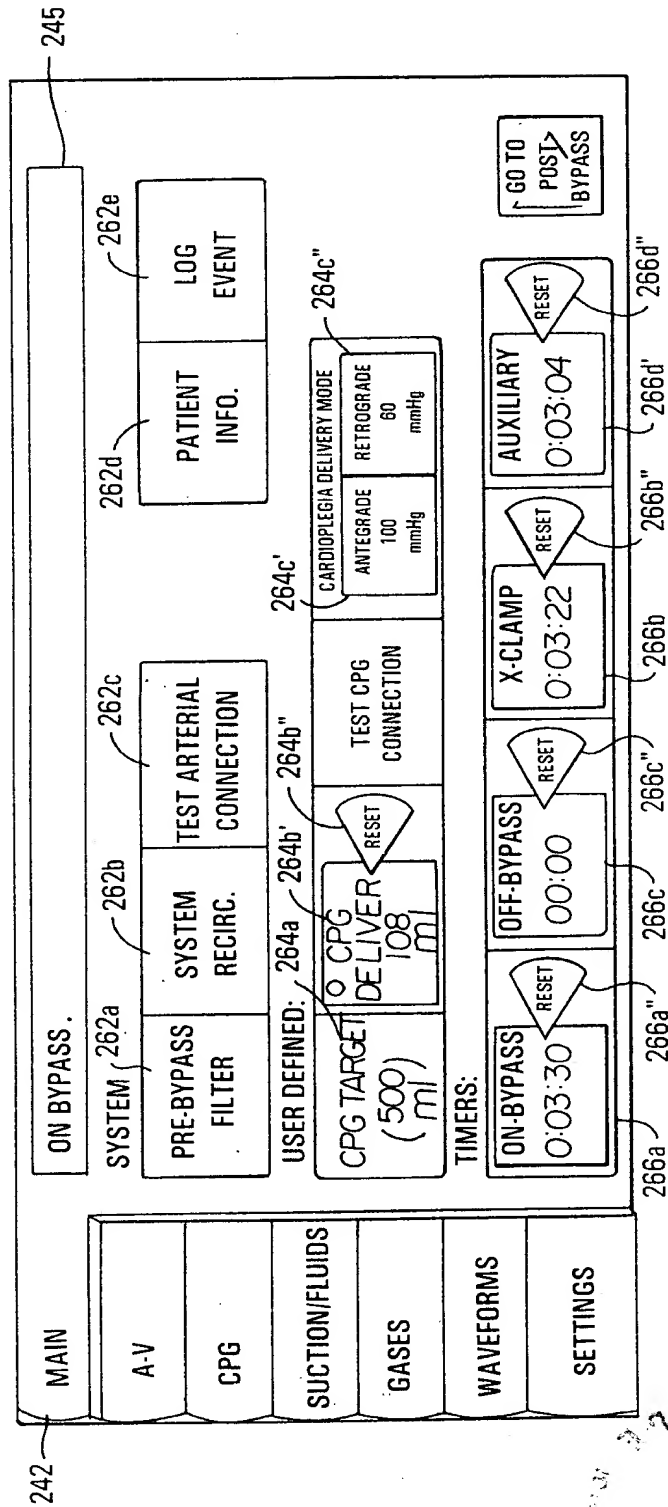
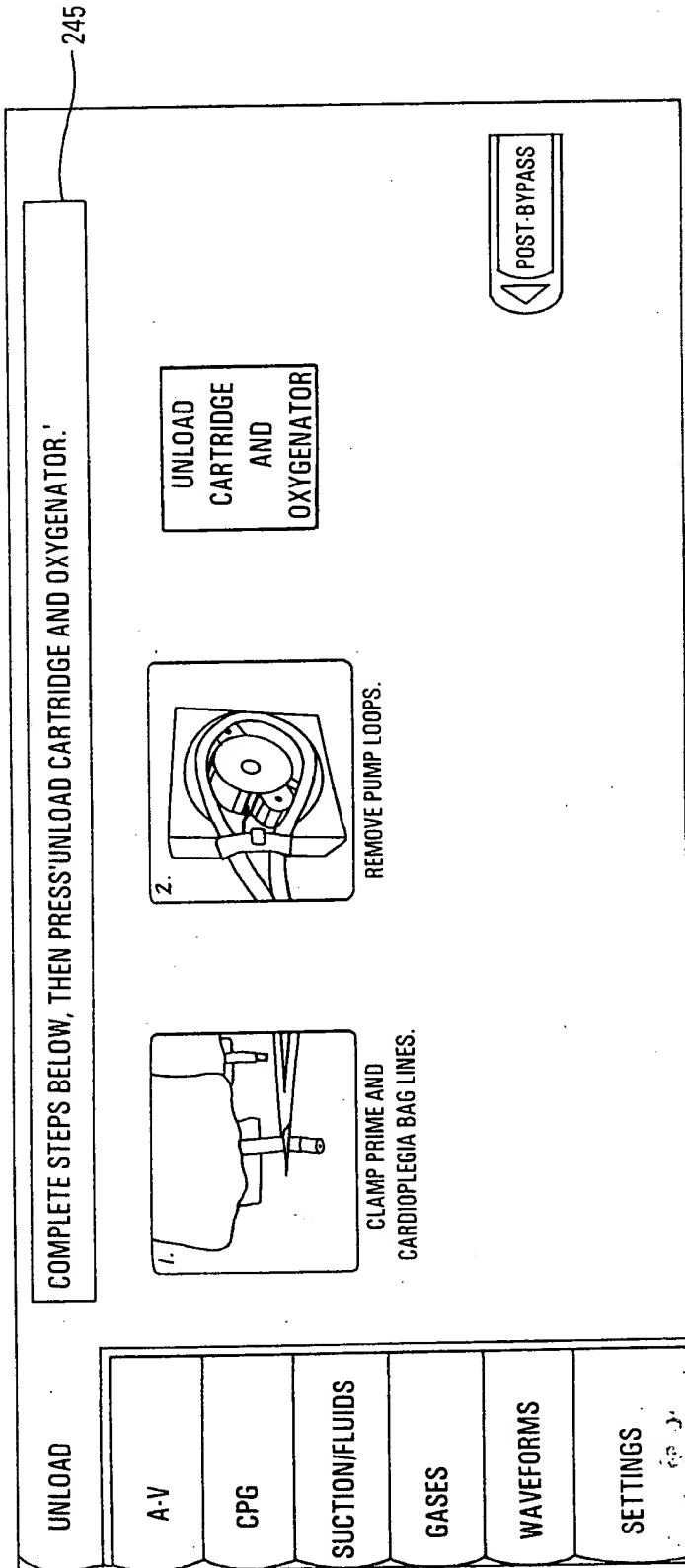


Fig.30J

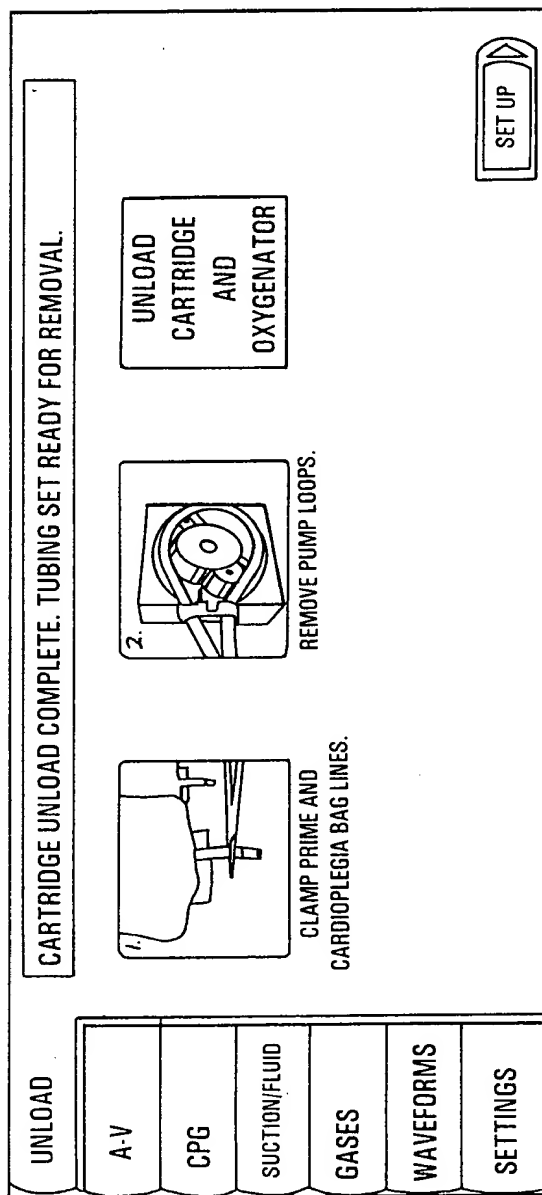
MAIN	FILL PATIENT: START ARTERIAL TO FLOW DOWN PATIENT LINE.									
A-V	SYSTEM									
CPG	PRE-BYPASS FILTER			SYSTEM RECIRC.		TEST ARTERIAL CONNECTION		PATIENT INFO.		LOG EVENT
SUCTION/FLUIDS	USER DEFINED: 264d' 264d" FILL PATIENT									
GASES	BOLUS ml			DELIVER 0 ml		CHASE BOLUS ml		DELIVER ml		TO BAGS
WAVEFORMS	TIMERS:									
SETTINGS	ON-BYPASS 0:05:57 RESET		OFF-BYPASS 00:45 RESET		X-CLAMP 0:06:34 RESET		AUXILIARY 0:03:47 RESET		RETURN TO < BYPASS MOVE TO UNLOADING	

Fig. 30K



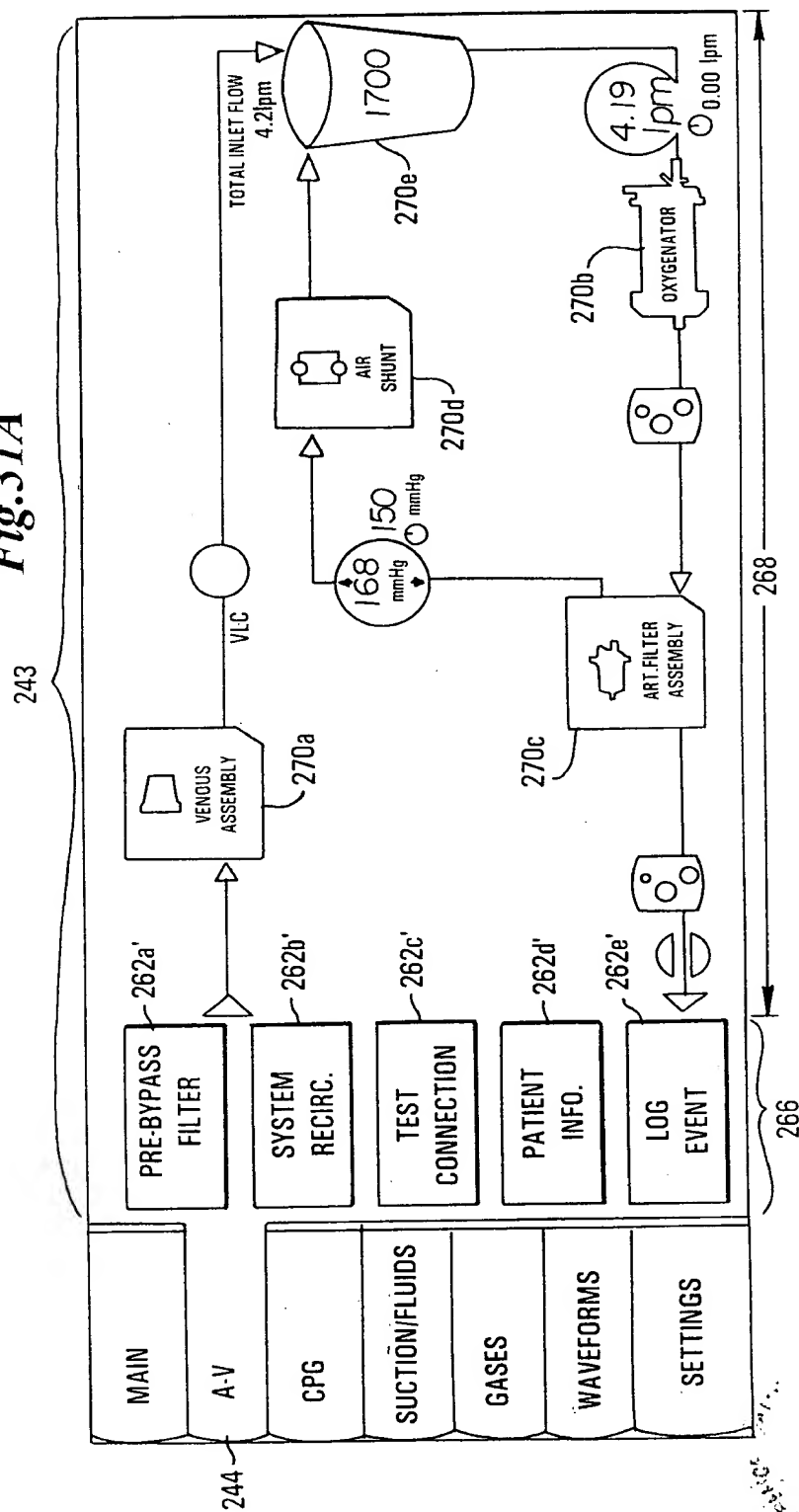
Serial No. 09/963,878
 Applicant: Bruce Ellingboe et al.
 Attorney Docket: CV0290US
 Attorney: Terry L. Wiles
 Telephone: (612) 334-8992

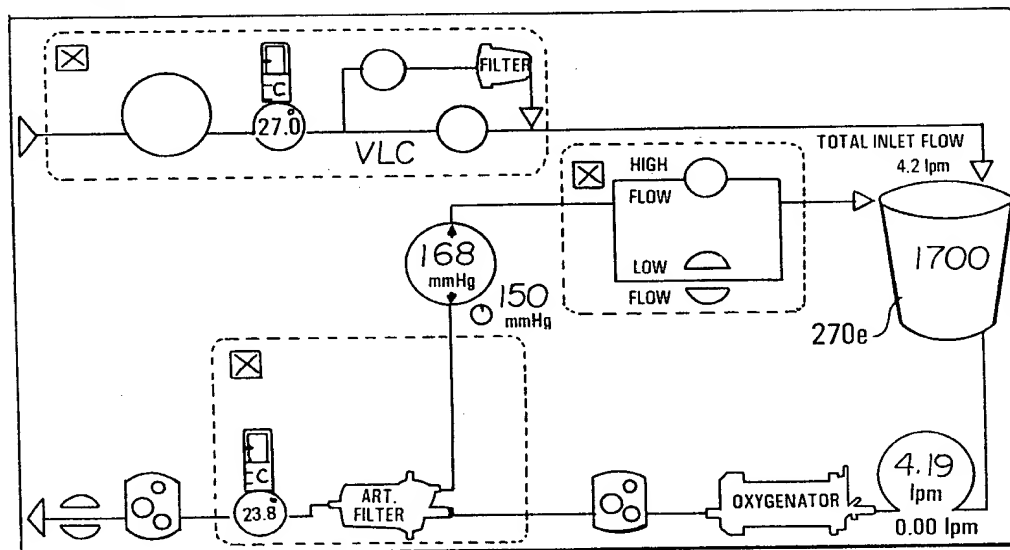
Fig.30L



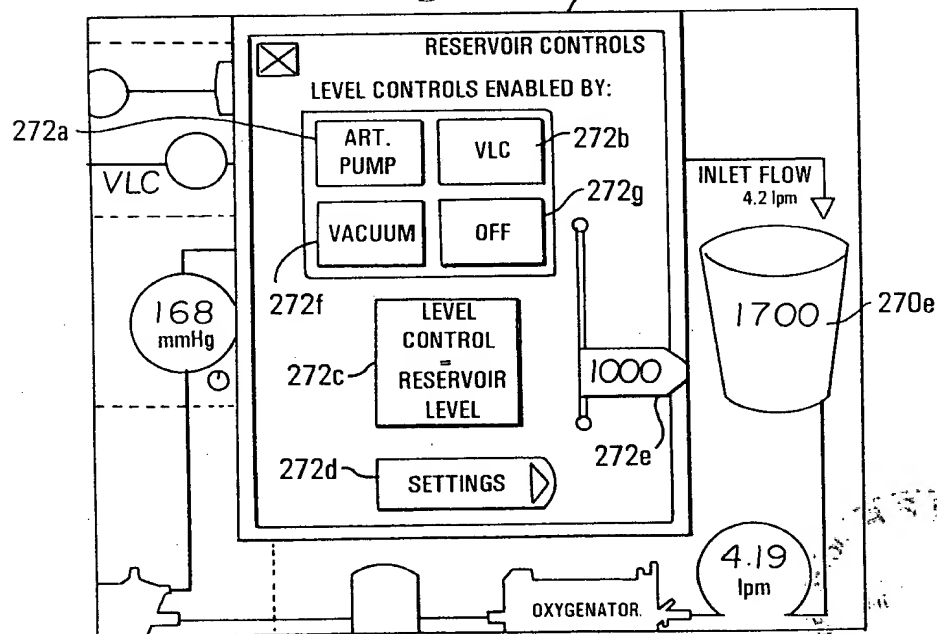
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Fig. 31A



[illegible]

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STATE OF ARIZONA

Fig.31D

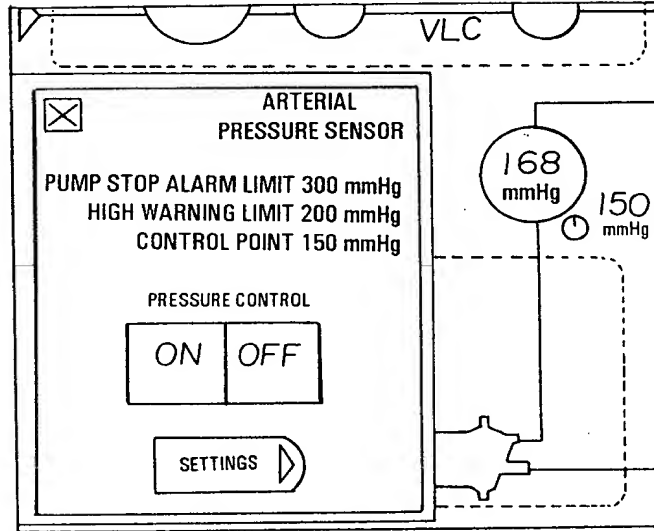


Fig.31E

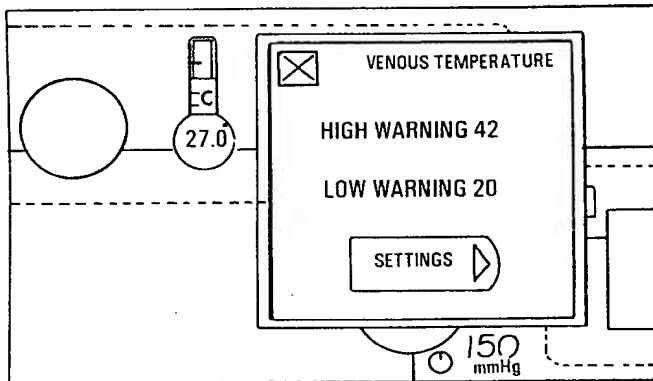
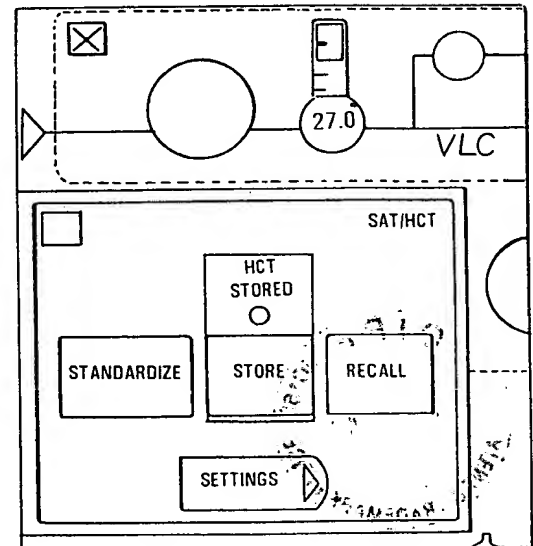


Fig.31F



268

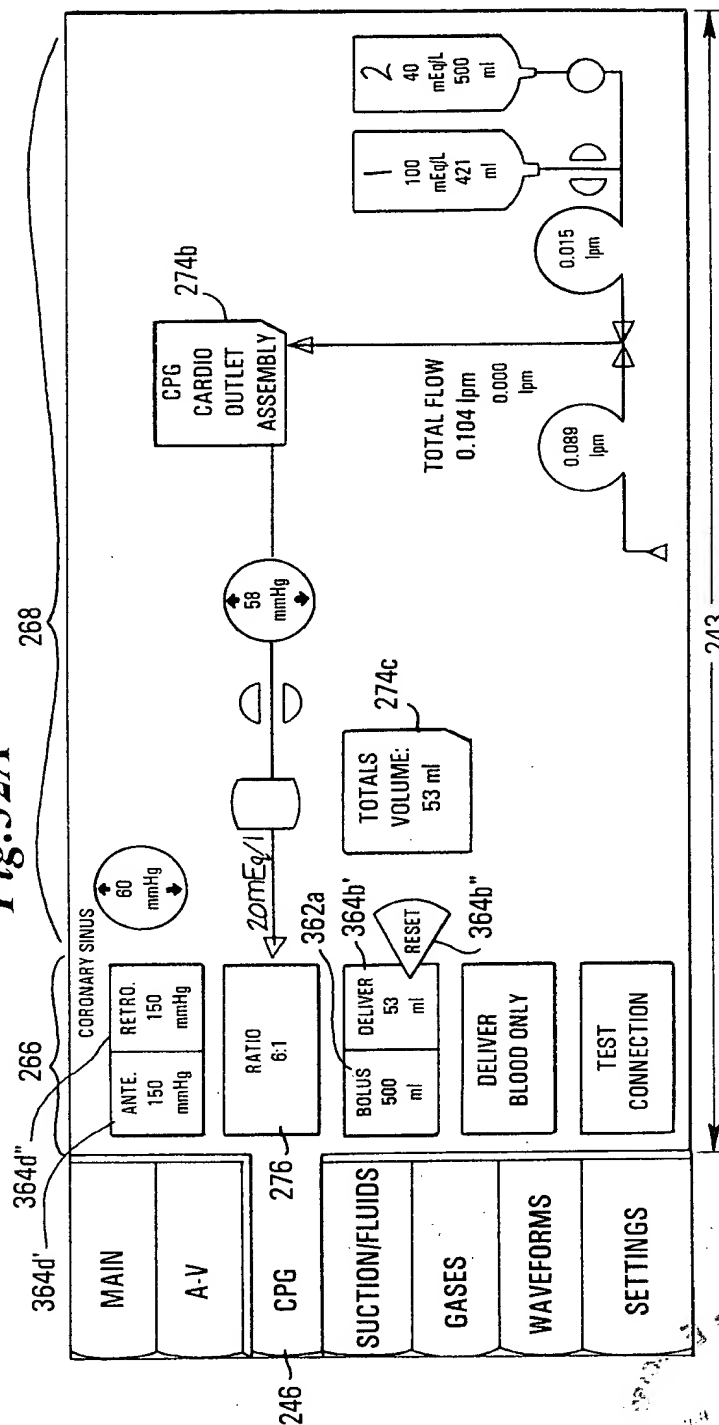


Fig.32B

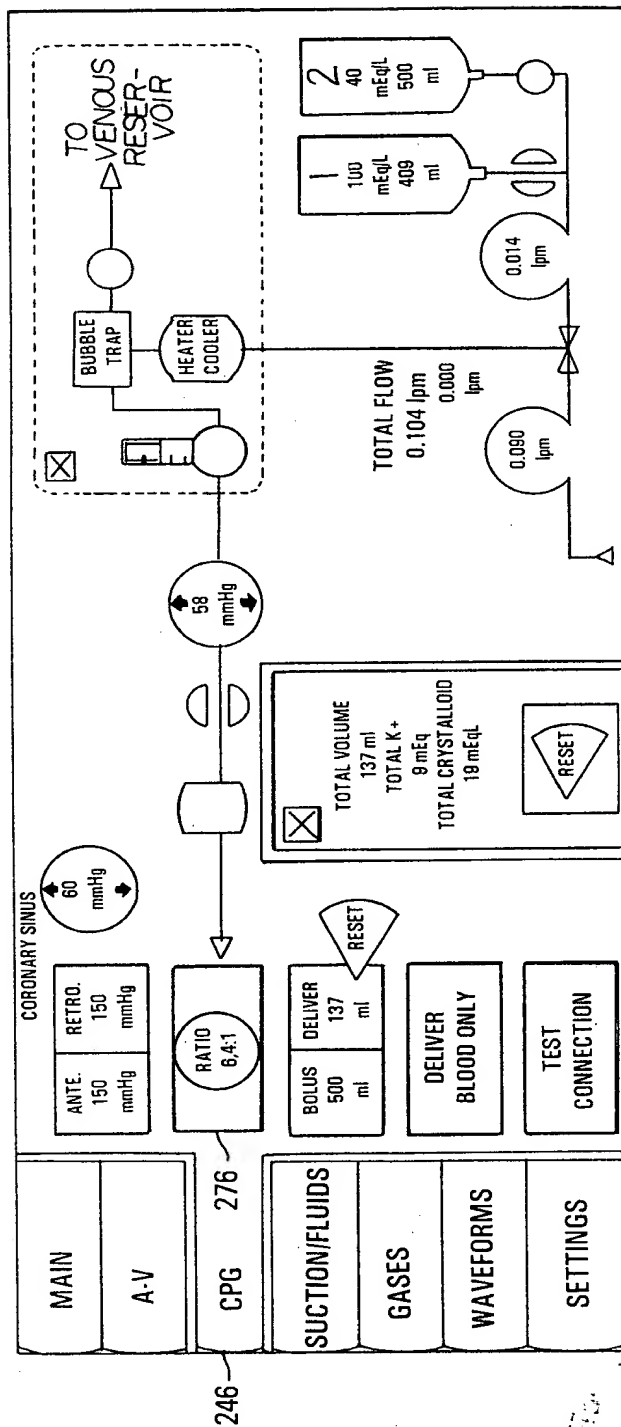


Fig.32C

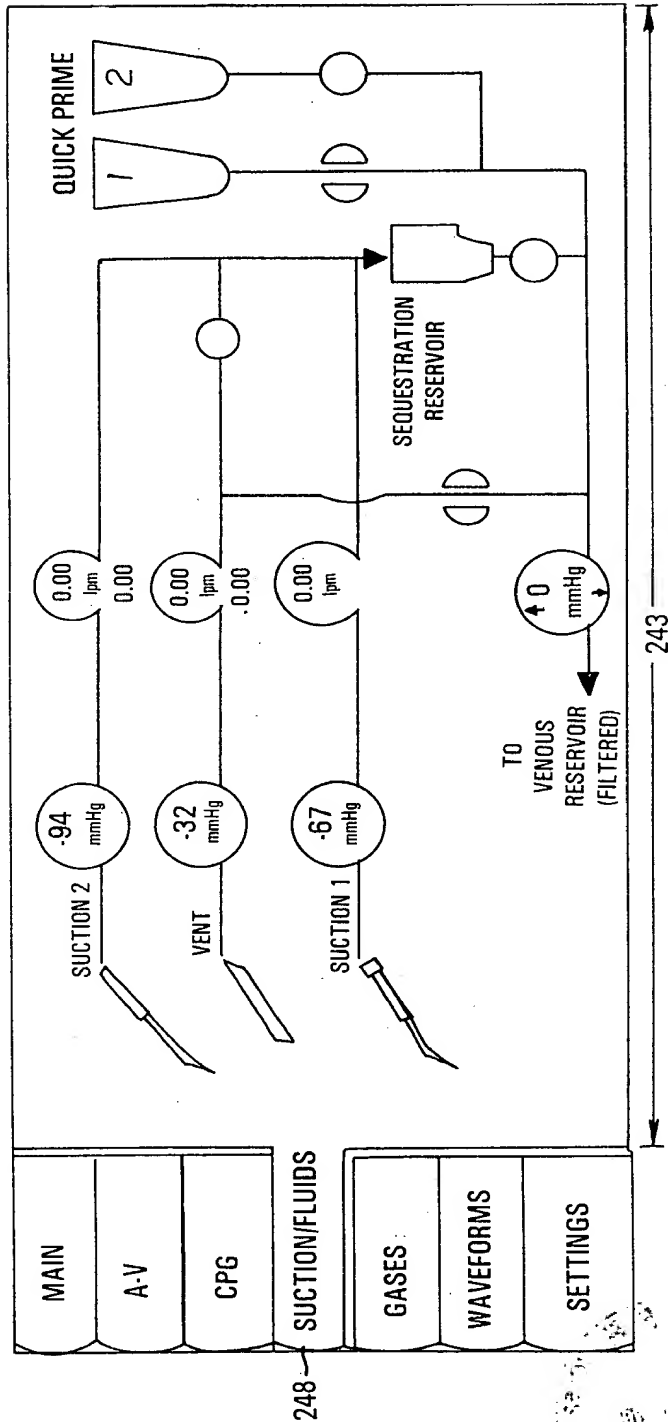
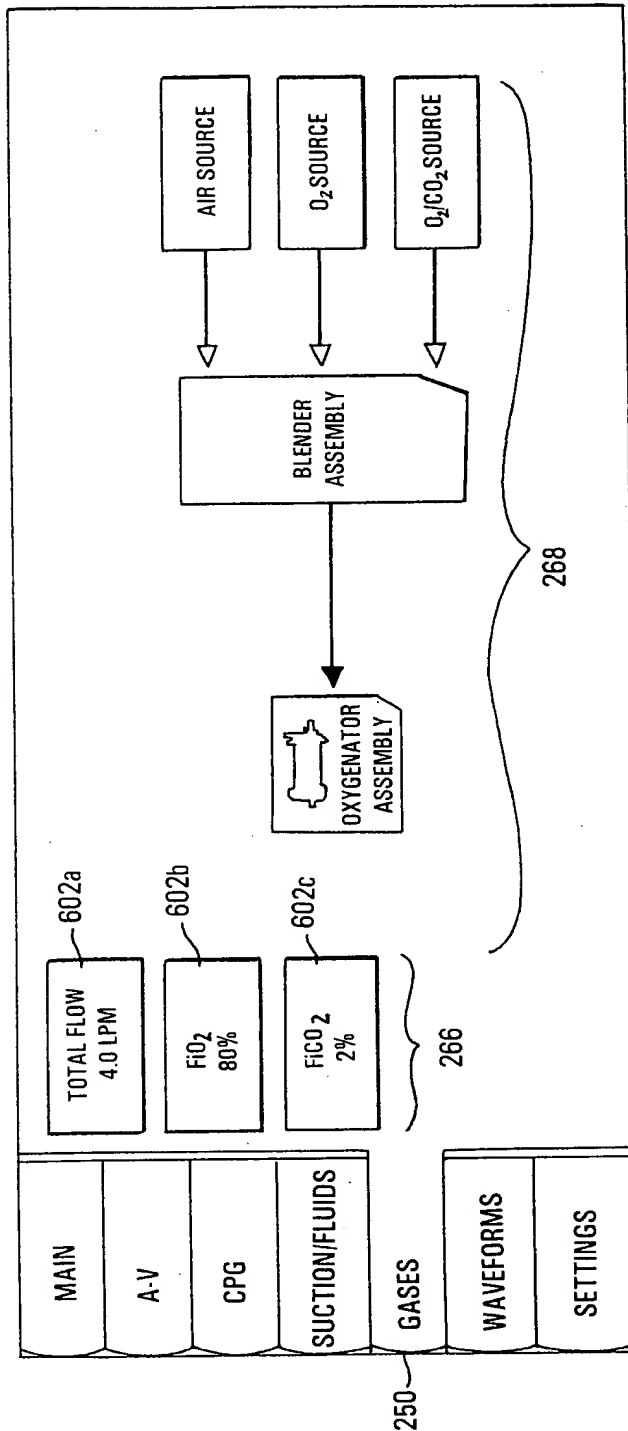


FIG. 32C is a schematic diagram of a medical device interface. The interface includes a control panel with buttons for MAIN, A-V, CPG, SUCTION/FLUIDS, GASES, WAVEFORMS, and SETTINGS. The SUCTION/FLUIDS button is labeled 248. The main display area shows a QUICK PRIME section with two syringes (1, 2) and a SEQUESTRATION RESERVOIR section with a pressure gauge (0 mmHg) and a flow rate gauge (0.00 lpm). The SUCTION/FLUIDS section shows three suction ports (SUCTION 1, VENT, SUCTION 2) with pressure gauges (-67 mmHg, -32 mmHg, -94 mmHg) and flow rate gauges (0.00 lpm, 0.00 lpm, 0.00 lpm). A dimension line at the bottom indicates a length of 243.

Fig. 32D



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Fig. 32E

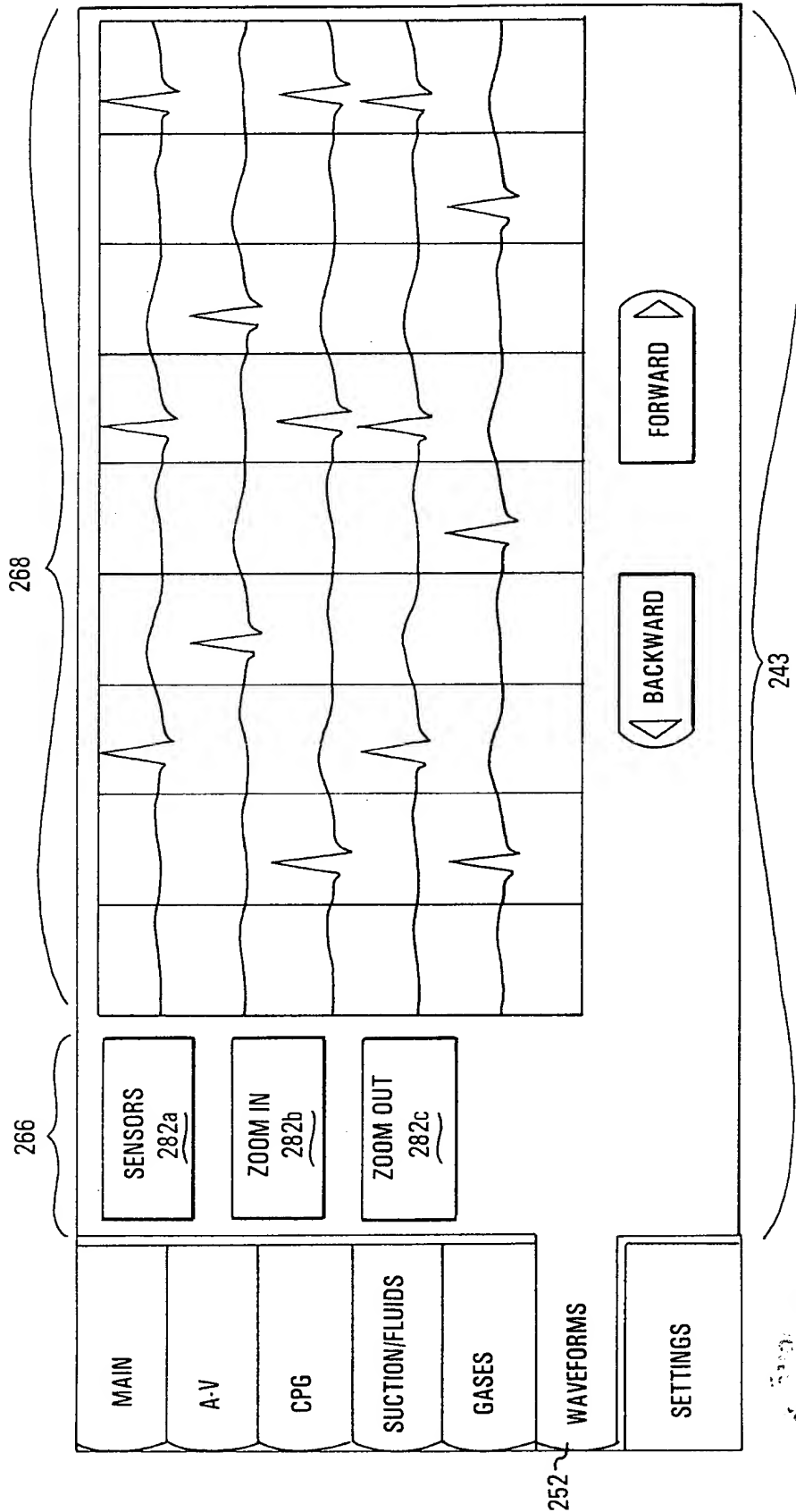
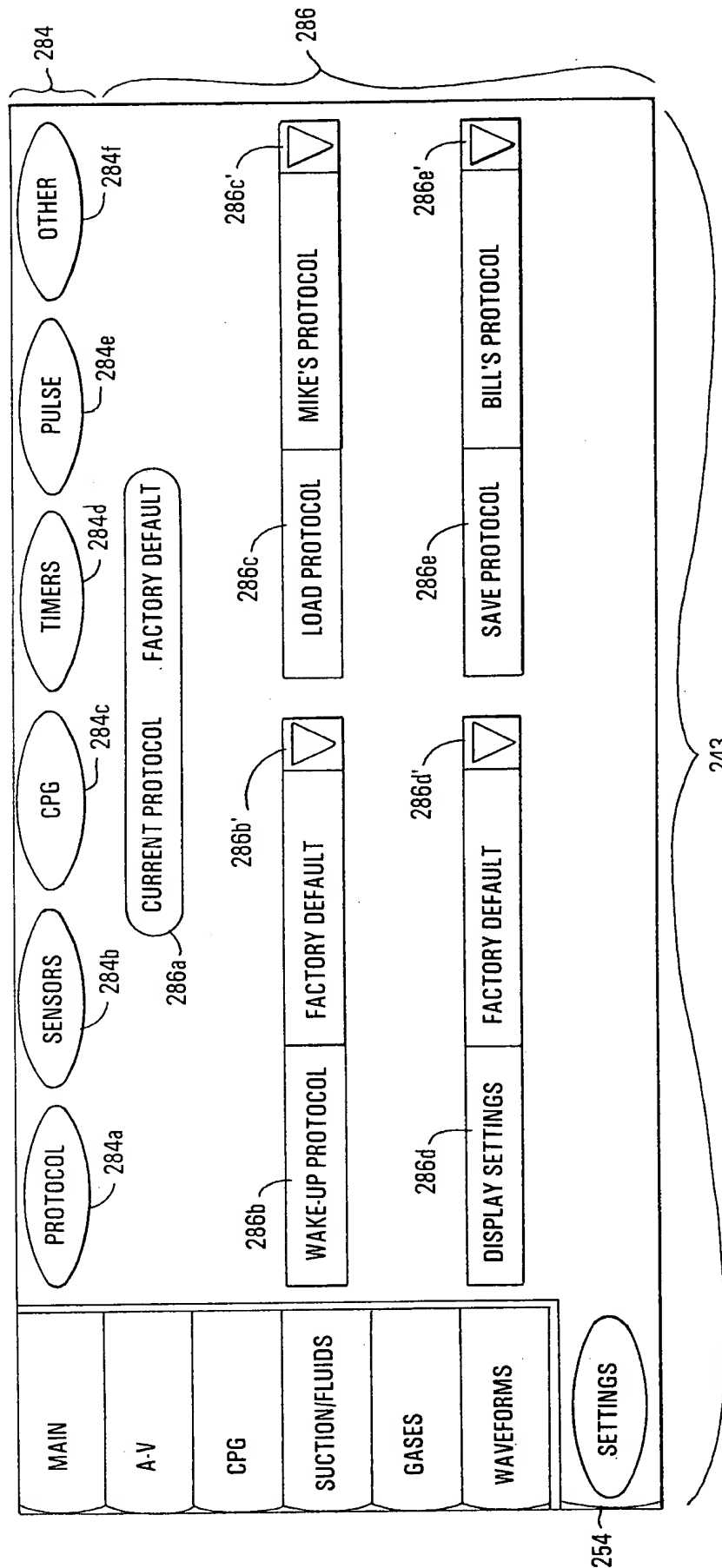


Fig. 33A



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Fig.33B

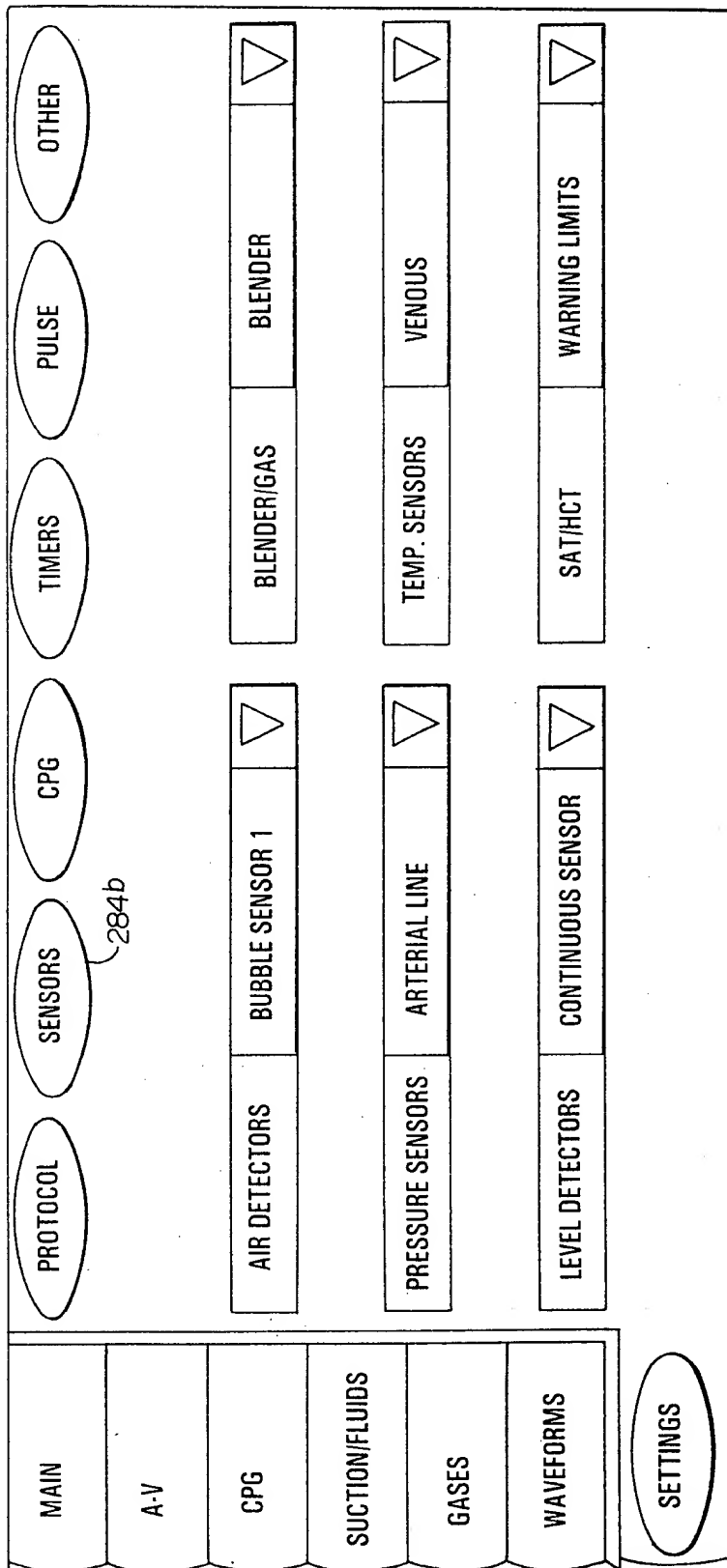


Fig.33C

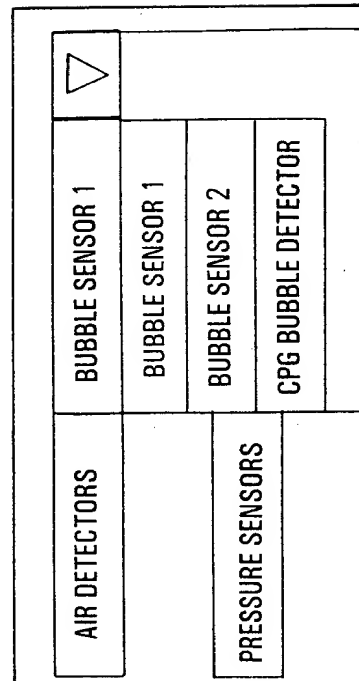


Fig. 33D

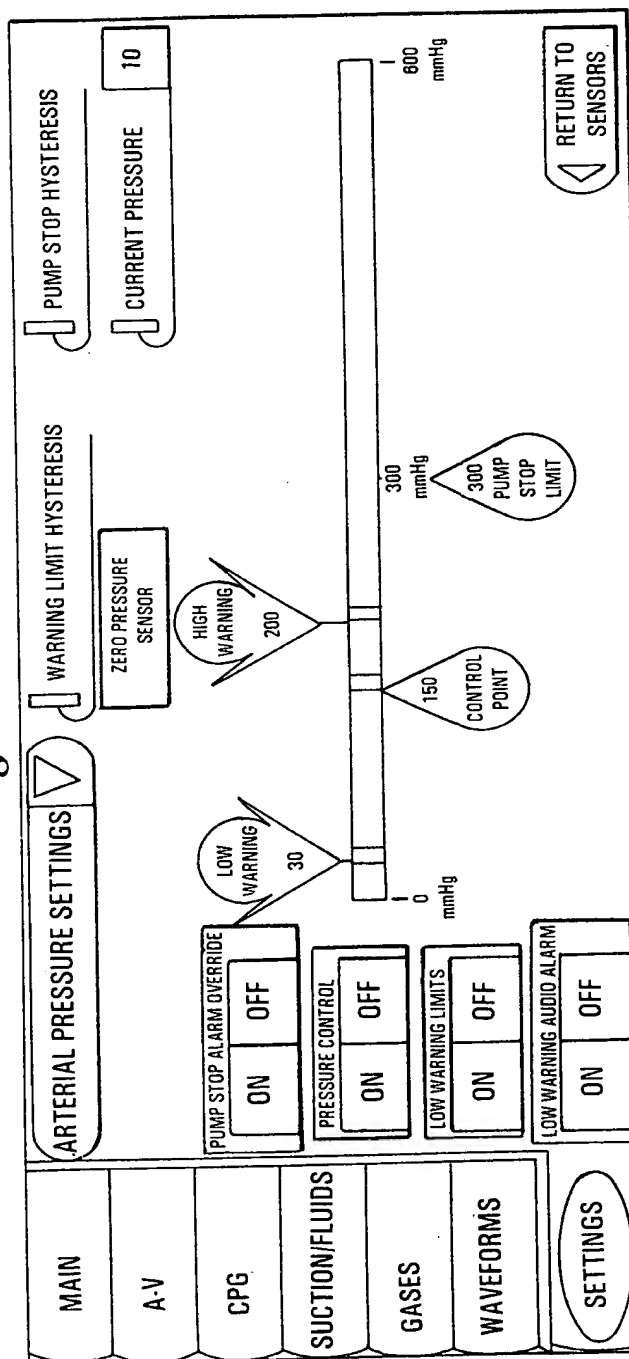
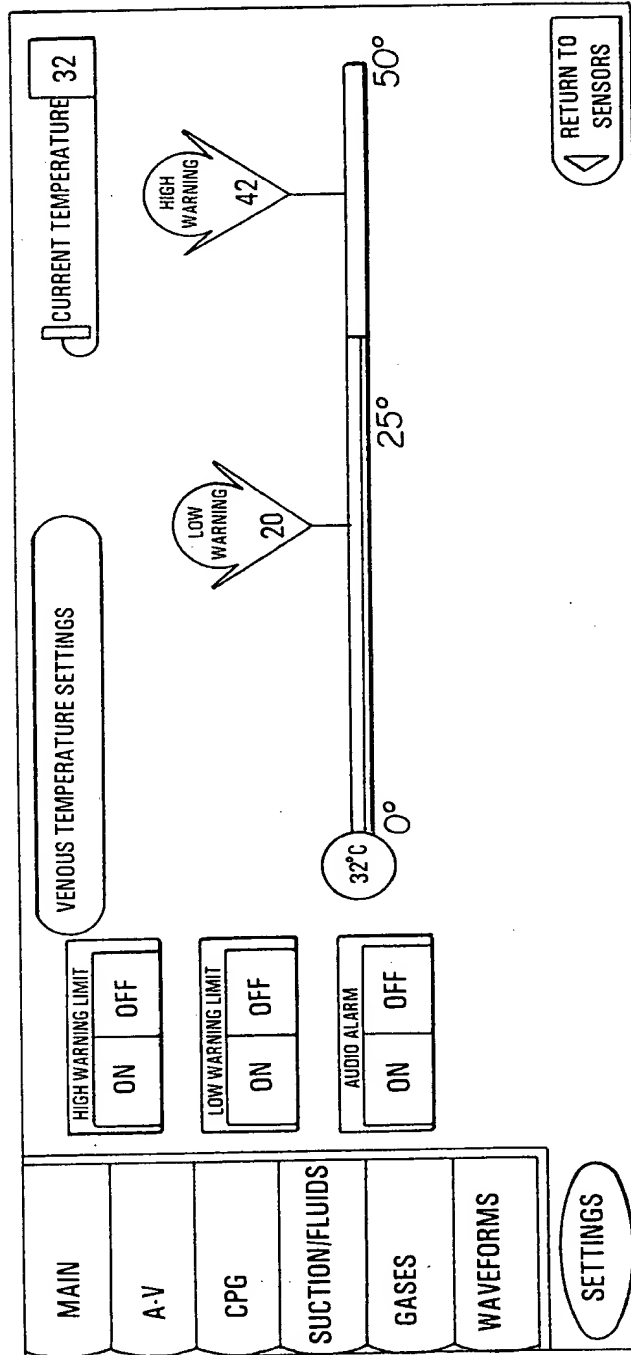


Fig.33E



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Fig. 33F

	PROTOCOL	SENSORS	CPG	TIMERS	PULSE	OTHER
A-V	BAG LOW WARNING ALARM ON OFF	SELECT & MODIFY BAG PRESETS	BAG 1 PRESET 1	500 ml 100 mEq/L	MODIFY	500 ml 100 mEq/L MODIFY
CPG	BAG LOW AUDIO ALARM ON OFF		BAG 2 PRESET 2	500 ml 100 mEq/L	MODIFY	500 ml 100 mEq/L MODIFY
SUCTION/FLUIDS	BAG EMPTY PUMP STOP ON OFF		CONFIGURE BOLUS MODE VOLUME 500 BOLUS COUNT UP DOWN			
GASES	K+ HIGH WARNING ALARM ON OFF					
WAVEFORMS	K+ HIGH AUDIO ALARM ON OFF	SELECT BAG FROM WHICH TO DELIVER 1 2		ANTEGRADE RETROGRADE CRYSTALLOID BLOOD/CRYST. ONLY RATIOED		SELECT DELIVERY
SETTINGS						

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